

SUPERMICR[®]

Mission Critical Server Solutions

• 2U Twin²_™ • 2.5" HDD Solutions • Blade Server • 93%+ Power-Efficiency



Universal I/O (UIO) Server

- Up to 3/7 add-on cards for 1U/2U
- Flexible I/O Configurations
- Optional SAS RAID, 10GbE, InfiniBand
- Gold Level High-Efficiency power supply



2U Twin²_™ SuperServer

- 4 DP nodes & up to 32 CPU cores in 2U
- 375 GFLOPS/kW Performance per Watt
- Hot-pluggable system
- Gold Level High-Efficiency (93%+) power supply



Dual-IOH SuperWorkstation

- Dual-IOH chipset design
- 4 PCI-E Gen 2.0 x16
- 18 DIMMs of DDR3 memory
- Gold Level High-Efficiency (93%+) power supply

Server Catalog April 2009

1U TwinTM Two Nodes in 1U

First in Twin-Server Design

Best in Technology Innovation

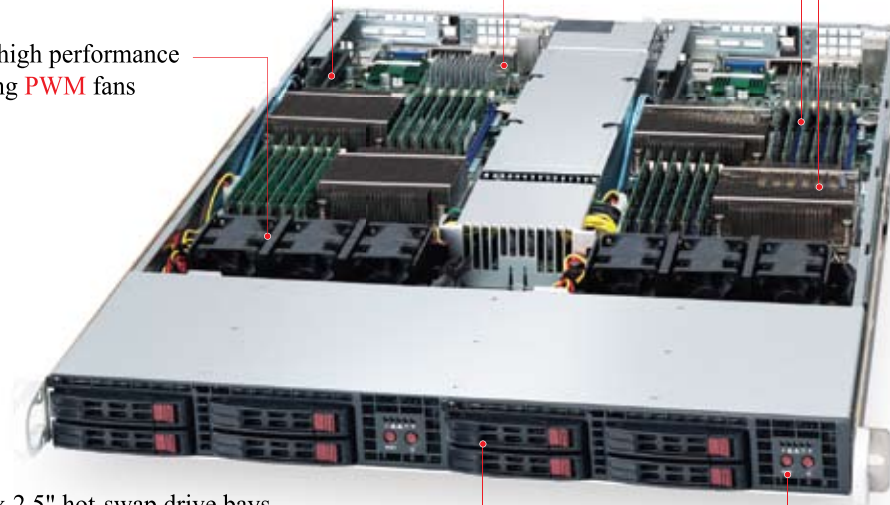
Quad-core/Dual-core Xeon 5500 series processor support

Up to 96GB of Dual-Channel ECC Reg. DDRIII 1333/1066/800 in 12 DIMM sockets

Intel 82576 Gigabit Ethernet controller w/IOAT support

1 PCI-Express x16

Twin set of 3 high performance counter-rotating **PWM** fans



Twin set of 4 x 2.5" hot-swap drive bays

Twin set of power switches, reset buttons & 5 LED indicators



1200W High-Efficiency Gold Level Power supply w/PMBus

Twin set of 2x USB ports

Twin set of Dual Gigabit LAN

Twin set of COM/VGA output

Twin set of **ConnectX QDR 40 Gbs InfiniBand/QSFP connector**



SuperServer 1026TT-IBQF

These new 1U TwinTM servers deliver increased performance and energy savings with Intel[®] Tylersburg/Nehalem architecture and QPI up to 6.4GT/s. As with previous 1U TwinTM platforms, two DP serverboards fit into a single 1U chassis to provide two nodes per 1U of rack space or up to 84 nodes per 42U rack. Utilizing up to 96GB ECC Reg. DDR3 memory in 1.3GHz speed and optional InfiniBand connectivity, this 0.5U density makes these platforms an excellent choice for high-performance computing (HPC) clusters, server farms and other datacenters where space, cost, energy-efficiency and density are high priorities. Moreover, the 1U TwinTM servers feature a 1200W high-efficiency (93%+) power supply that is shared by both nodes to optimize utilization levels, further increasing energy savings and helping protect the environment.

2U Twin²™

375 GFLOPS/kW

Optimized Performance per Watt, System Density & TCO



- 4 nodes share one 2U chassis
- 4 sets of DP Quad-Core/Dual-Core 64-bit Xeon® 5500 series processors up to 95W
- 4 sets of 96GB DDR3 Reg. ECC 1333/1066/800 SDRAM

Optimized Performance per Watt

- High-efficiency Gold Level (93%+) power supply reduces power consumption
- High efficiency VRM and component designs improve power utilization
- Four 8cm fans with optimized air channel designs maximize cooling efficiency
- Shared chassis and power supply increase operating efficiency per node

Optimized System Density

- High density, compact design maximize rack space usage
- Modular design provides ease of system upgrade, installation and maintenance
- Less power cables and power strips reduce IT management overhead

Optimized TCO

- Optional redundant (1+1) power supplies increase system uptime
- Hot-pluggable MB, HDDs and power supply reduce maintenance and downtime
- PM Bus support for remote monitoring and optimal power management



Rear View

- 2x 1200W Gold Level high-efficiency redundant power supply
- 4 sets of PCI-E 2.0 x16 low-profile expansion slots
- 4 sets of dual Gigabit Ethernet LAN
- 4 sets of COM/VGA output
- 4 sets of InfiniBand controller ports (SS6026TT-BIBQF/BIBXF/BINFF)
- 4 sets of BMC supporting IPMI 2.0, media/KVM over LAN

Supermicro's new Tylersburg-based 2U Twin² server architecture further extends the smart server legacy and easy maintenance advantages of our innovative 1U Twin™ technology. Achieving an industry-leading 375 GFLOPS/kW* (on x86 platforms), the 2U Twin² delivers unrivaled performance-per-watt and performance-per-dollar. The optimized 93%+ high-efficiency power supply, plus newly designed CPU cooling components/air channel and updated motherboard voltage regulator module (VRM) designs all contribute to this server powerhouse. The hot-swappable modular design of the 2U Twin² facilitates easy system upgrade, installation and maintenance. Each node maintains independent full-function system control and management with its own front control panel with UID and three hot-swap 3.5" hard drive trays.

* Performance and peak power efficiency measures based on internal test results.

Dual-IOH GPU Optimized Workstation

Redundant Low-Noise, High-Efficiency Power Supply

- **1200W** High-Efficiency Gold Level Power supply w/PMBus
- 144GB of DDRIII 1333/1066/800 MHz SDRAM in **18 DIMMs**
- **Dual-IOH chipset design**
- Quad-Core/Dual-Core Xeon 5500 series



- 2 PCI-E 2.0 x16
4 PCI-E 2.0 x8 (1 in x16 slot)
1 PCI-E x4
- Dual LAN Gigabit Ethernet
Matrox G200eW graphics
7.1 HD Audio
- 5 x 8cm heavy duty fans with
optimal fan speed control & air shroud;
100% cooling redundancy
- 6 x 3.5" hot-swap SATA drive
2 x 3.5" spare SATA drive bays
2 x 5.25" drive bays

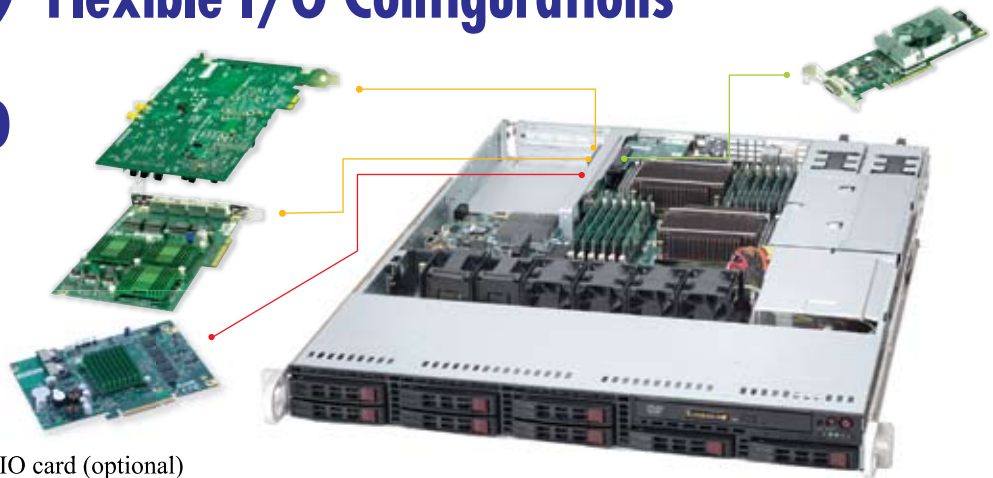


SuperWorkstation 7046A-H+

The 7046A-H+ high-performance system is based on Intel's high-throughput 5520 chipset with QPI up to 6.4GT/s. Supporting the latest quad-core Xeon (Nehalem) processors, the system features an expanded PCI-Express bandwidth with dual Gen 2 PCI-Express x16 via dual IOH. Utilizing this setup, the system is optimized for graphics-intensive applications required in scientific, research and engineering disciplines. Specifically designed for this system, a super-quiet, high-efficiency 1200W power supply highlights Supermicro's green IT computing thought leadership as the only redundant, workstation-optimized power system available on the market today.

UIO Up to 3 or 7 Add-on Cards for 1U or 2U Flexible I/O Configurations

Universal I/O



Supermicro SAS RAID 5 UIO card (optional)

Model	Controller/IOP	SAS Port	RAID	Onboard Cache
AOC-USAS-L8i	LSISAS 1068E	8 ports, 3Gb/s per port 8 Internal	IT/HBA Mode	-
AOC-USASLP-L8i*	LSISAS 1068E	8 ports, 3Gb/s per port 8 Internal, Low Profile	IT/HBA Mode	-
AOC-USAS-L4i	LSISAS 1068E	8 ports, 3Gb/s per port 4 Internal, 4 External	RAID 0, 1, 10	-
AOC-USAS-L4iR	LSISAS 1068E	8 ports, 3Gb/s per port 4 Internal, 4 External	RAID 0, 1, 10 RAID 5 with iButton	-
NEW! AOC-USASLP-H8iR*	LSISAS 1078	8 ports, 3Gb/s per port 8 Internal	RAID 0, 1, 5, 6, 10, 50, 60 RAID 5 with iButton	512MB DDR2 on-card cache w/ battery back-up option
AOC-USAS-H8iR	LSISAS 1078	8 ports, 3Gb/s per port 8 Internal	RAID 0, 1, 5, 6, 10, 50, 60 RAID 5 with iButton	256MB DDR2 on-card cache w/ battery back-up option
AOC-USAS-H4iR	LSISAS 1078	8 ports, 3Gb/s per port 4 Internal, 4 External	RAID 0, 1, 5, 6, 10, 50, 60 RAID 5 with iButton	256MB DDR2 on-card cache w/ battery back-up option
AOC-USAS-S4i	Intel IOP348	8 ports, 3Gb/s per port 4 Internal, 4 External	RAID 0, 1, 10	128Mb DDR2 on-card cache
AOC-USAS-S4iR	Intel IOP348	8 ports, 3Gb/s per port 4 Internal, 4 External	RAID 0, 1, 5, 10	256MB DDR2 on-card cache w/ battery back-up option
AOC-USAS-S8i	Intel IOP348	8 ports, 3Gb/s per port 8 Internal	RAID 0, 1, 10	128Mb DDR2 on-card cache
AOC-USAS-S8iR	Intel IOP348	8 ports, 3Gb/s per port 8 Internal	RAID 0, 1, 5, 10	256MB DDR2 on-card cache w/ battery back-up option
AOC-USASLP-S8i	Intel IOP348	8 ports, 3Gb/s per port 8 Internal, Low Profile	RAID 0, 1, 10	128Mb DDR2 on-card cache
AOC-USASLP-S8iR	Intel IOP348	8 ports, 3Gb/s per port 8 Internal, Low Profile	RAID 0, 1, 5, 6, 10, 50, 60	256MB DDR2 on-card cache w/ battery back-up option

* Apply to 2U low-profile & above

***More than 20 choices: SAS RAID, 10GbE, InfiniBand, UIO Cards . . .
The freedom to build exactly what you need!***

Supermicro UIO Servers, in combination with riser cards and a UIO card, can provide numerous server configurations to accommodate the needs of your application. Our various riser cards for 1U and 2U chassis allow you to customize Supermicro UIO solutions to meet your storage and networking requirements. With a Supermicro UIO solution, you can customize high-performance, high-density and fault tolerant storage solutions with Supermicro UIO SAS RAID card products. Leveraging a variety of UIO Gigabit Ethernet Adapters, the UIO system improves network throughput as well as application performance. All Supermicro UIO solutions can be utilized without occupying existing PCI slots, leaving those slots free for additional expansion cards.



MODEL	SuperServer 1026TT-IBQF SuperServer 1026TT-IBXF	SuperServer 1026TT-INFF	SuperServer 1026TT-TF SuperServer 1026TT-TL
Processor Support	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)
Key Applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
Outstanding Features	• Two nodes in 1U • 40/20 Gigabit InfiniBand controller onboard • Double density and computing power • Independent power control & cooling control • Higher power utilization increases power supply efficiency • Reduces power cables and power strips • Save maintenance/management costs • IPMI 2.0 + KVM w/dedicated LAN • 1200W Gold-Level power supply	• Two nodes in 1U • Up to 16 Cores in 1U • InfiniBand controller onboard • Double density and computing power • Independent power control & cooling control • Higher power utilization increases power supply efficiency • Reduces power cables and power strips • Save maintenance/management costs • IPMI 2.0 + KVM w/dedicated LAN • 1200W Gold-Level power supply	• Two nodes in 1U • Up to 16 Cores in 1U • Double density and computing power • Independent power control & cooling control • Higher power utilization increases power supply efficiency • Reduces power cables and power strips • Save maintenance/management costs • IPMI 2.0 + KVM w/dedicated LAN • 1200W Gold-Level power supply
Chipset/ Serverboard	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER● X8DTT-IBQF/IBXF	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER● X8DTT-INFF	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER● X8DTT-F/X8DTT-L
System Memory (Max.)	Twin set of 96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	Twin set of 96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	Twin set of 96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs
Expansion Slots	Twin set of PCI-E 2.0 x16 via riser card (Low-profile) Twin set of ConnectX QDR 40Gbps InfiniBand w/QSFP connector (1026TT-IBQF) Twin set of ConnectX DDR 20Gbps InfiniBand w/QSFP connector (1026TT-IBXF)	Twin set of PCI-E 2.0 x16 via riser card (Low-profile) Twin set of InfiniHost III InfiniBand connector	Twin set of PCI-E 2.0 x16 via riser card (Low-profile)
Onboard Storage Controller	Twin set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Onboard LAN/VGA	Twin set of Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Twin set of Matrox G200eW graphics	Twin set of Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Twin set of Matrox G200eW graphics	Twin set of Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Twin set of Matrox G200eW graphics
Manageability	Twin set of IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	Twin set of IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	Twin set of IPMI 2.0 + KVM with dedicated LAN (1026TT-TF), Super Doctor® III, Watch Dog
Drive Bays	Twin set of 4 x 2.5" hot-swap drive bays	Twin set of 4 x 2.5" hot-swap drive bays	Twin set of 4 x 2.5" hot-swap drive bays
Peripheral Bays	N/A	N/A	N/A
Power Supply	1200W high-efficiency Gold-level power supply w/PMBus	1200W high-efficiency Gold-level power supply w/PMBus	12 00W high-efficiency Gold-level power supply w/PMBus
Cooling System	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")



**QPI & DDR3
UIO**



**QPI & DDR3
UIO**



**QPI & DDR3
UIO**



**QPI & DDR3
UIO**

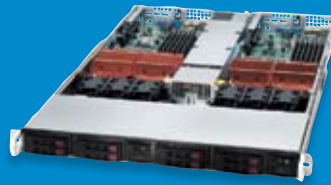


SuperServer 1026T-UF	SuperServer 1026T-URF	SuperServer 1026T-NTF	SuperServer 1026T-NTRF
Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)
HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
• Universal I/O (UIO) slot • Up to 2 add-on cards + optional 3rd & 4th LAN ports • 96GB DDR3 SDRAM • Higher I/O performance • Flexible UIO SAS controller card • Eight 2.5" SAS drive bays • IPMI 2.0 + KVM with dedicated LAN • UID LED	• Universal I/O (UIO) slot • Up to 2 add-on cards + optional 3rd & 4th LAN ports • 96GB DDR3 SDRAM • Higher I/O performance • Flexible UIO SAS controller card • Eight 2.5" SAS drive bays • IPMI 2.0 + KVM with dedicated LAN • Redundant power supply • UID LED	• Up to 2 add-on cards + optional 3rd & 4th LAN ports • 96GB DDR3 SDRAM • IPMI 2.0 + KVM with dedicated LAN • UID LED	• Up to 2 add-on cards + optional 3rd & 4th LAN ports • 96GB DDR3 SDRAM • IPMI 2.0 + KVM with dedicated LAN • Redundant high-efficiency 650W power • UID LED
Intel® 5520 chipset with QPI up to 6.4GT/s SUPER ● X8DTU-F	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER ● X8DTU-F	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER ● X8DTU-F	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER ● X8DTU-F
96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs
Left slot: 1 PCI-E 2.0 x16 1 UIO Right slot: Optional 3rd & 4th Gigabit LAN port	Left slot: 1 PCI-E 2.0 x16 1 UIO Right slot: Optional 3rd & 4th Gigabit LAN port	Left slot: 1 PCI-E 2.0 x16 1 PCI-E x8 Right slot: Optional 3rd & 4th Gigabit LAN port	Left slot: 1 PCI-E 2.0 x16 1 PCI-E x8 Right slot: Optional 3rd & 4th Gigabit LAN ports
Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82576 Gigabit Ethernet controllers (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controllers (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics
IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog
8 x 2.5" hot-swap drive bays	8 x 2.5" hot-swap drive bays	5 x 2.5" hot-swap drive bays & 3 spare drive bays	4 x 3.5" hot-swap drive bays & 3 spare drive bays
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
560W high-efficiency Silver Level power supply w/FC	Redundant high-efficiency 650W power supply w/FC	560W high-efficiency Silver Level power supply w/FC	Redundant high-efficiency 650W power supply w/FC
4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 597mm (17.2" x 1.7" x 23.5")	1U Rackmount 437 x 43 x 597mm (17.2" x 1.7" x 23.5")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")

1U Twin™
SAS RAID 5
IPMI 2.0 onboard



1U Twin™
SAS RAID 5
10 Gigabit Ethernet



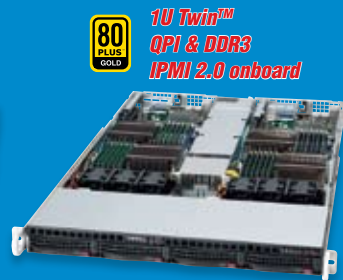
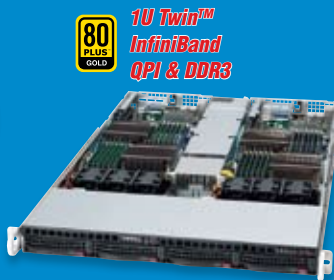
1U Twin™
SAS RAID 5



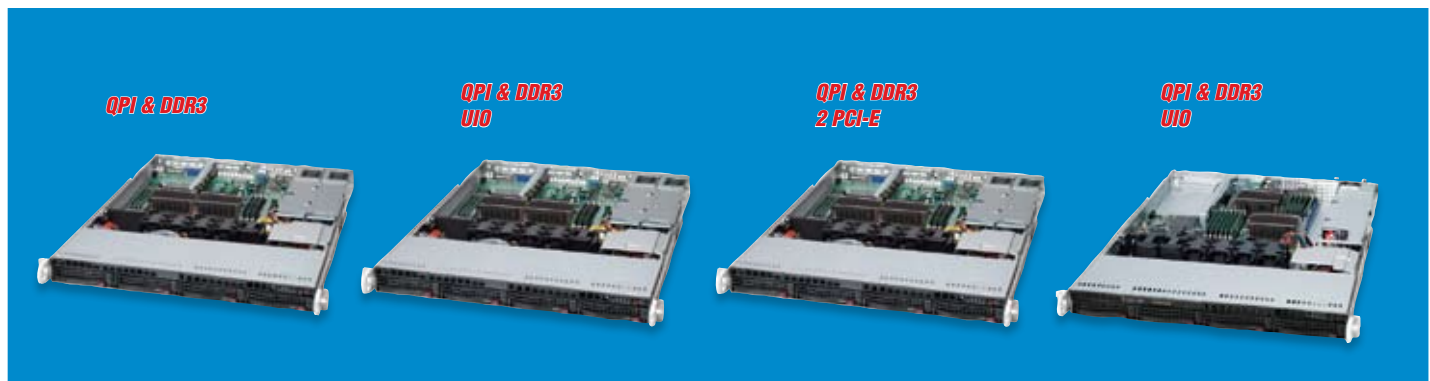
MODEL	SuperServer 1025TC-3FB	SuperServer 1025TC-10GB	SuperServer 1025TC-TB
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
Key Applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
Outstanding Features	• Two nodes in 1U • Up to 16 Cores in 1U • SAS controller and IPMI 2.0 onboard • Double density and computing power • Independent power control & cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs	• Two nodes in 1U • Up to 16 Cores in 1U • 10 Gigabit Ethernet controller onboard • Double density and computing power • Independent power control & cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs	• Two nodes in 1U • Up to 16 Cores in 1U • Double density and computing power • Independent power control & cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs
Chipset/ Serverboard	Intel® 5100 chipset with 1.33GHz FSB/ SUPER [®] X7DCT-3F	Intel® 5100 chipset with 1.33GHz FSB/ SUPER [®] X7DCT-10G	Intel® 5100 chipset with 1.33GHz FSB/ SUPER [®] X7DCT
System Memory (Max.)	Twin set of 48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	Twin set of 48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	Twin set of 48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets
Expansion Slots	Twin set of PCI-E x16 via riser card (Low-profile)	Twin set of PCI-E x16 via riser card (Low-profile)	Twin set of PCI-E x16 via riser card (Low-profile)
Onboard Storage Controller	Twin set of LSI® 1064 for 4 SAS ports RAID 0, 1, 10 Twin set of optional AOC-iButton68 (RAID5) Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Onboard LAN/VGA	Twin set of Dual LAN with Intel® 82575EB Gigabit Ethernet controller (w/IOAT support) Twin set of Integrated 128MB server graphics	Twin set of Dual LAN with Intel® 82598EB 10 Gigabit & 82573V/L Gigabit Ethernet controller (w/IOAT support) Twin set of ATI® ES1000 32MB PCI graphics	Twin set of Dual LAN with Intel® 82573V/L Gigabit Ethernet controllers (w/IOAT support) Twin set of ATI® ES1000 32MB PCI graphics
Manageability	Twin set of IPMI 2.0 with dedicated LAN, Super Doctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog
Drive Bays	Twin set of 4 x 2.5" hot-swap drive bays	Twin set of 4 x 2.5" hot-swap drive bays	Twin set of 4 x 2.5" hot-swap drive bays
Peripheral Bays	N/A	N/A	N/A
Power Supply	780W high-efficiency power supply w/I²C	780W high-efficiency power supply w/I²C	780W high-efficiency power supply w/I²C
Cooling System	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")



Model	SuperServer 1025W-UB	SuperServer 1025W-URB	SuperServer 1025C-URB
Processor Support	Quad-Core/Dual Core Intel® Xeon® processor 5400/5300/5200/5100LV series (LGA771)	Quad-Core/Dual Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
Key Applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
Outstanding Features	• The World's First 1U Silver Level Power Supply • Less power consumption • Higher I/O performance • Flexible UIO SAS controller card • Eight 2.5" SAS drive bays • High computing performance	• Less power consumption • Higher I/O performance • Flexible UIO SAS controller card • Eight 2.5" SAS drive bays • High computing performance • Redundant high-efficiency power supply	• Less power consumption • Higher I/O performance • 2 full-height & full-length cards • Flexible UIO SAS controller card • Eight 2.5" SAS drive bays • 7 years product life • Redundant high-efficiency power supply
Chipset/ Serverboard	Intel® 5400 chipset with 1.6GHz FSB/ SUPER® X7DWU	Intel® 5400 chipset with 1.6GHz FSB/ SUPER® X7DWU	Intel® 5100 chipset with 1.33GHz FSB / SUPER® X7DCU
System Memory (Max.)	64 GB Fully-buffered DIMM (FBD) DDRII 800/667/533 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	64 GB Fully-buffered DIMM (FBD) DDRII 800/667/533 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets
Expansion Slots	Right slot: 1 PCI-E Gen 2.0 x8 (low-profile) Left slot: 1 PCI-E x8 Gen. 2.0 & 1 UIO (full-height)	Right slot: 1 PCI-E Gen 2.0 x8 (low-profile) Left slot: 1 PCI-E x8 Gen. 2.0 & 1 UIO (full-height)	Right slot: 1 PCI-E x8 (low-profile) Left slot: 1 UIO & 1 PCI-E x8 (full-length)
Onboard Storage Controller	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller card
Onboard LAN/VGA	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT) ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT) ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT support) ATI® ES1000 32MB PCI graphics
Manageability	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
Drive Bays	8 x 2.5" hot-swap drive bays	8 x 2.5" hot-swap drive bays	8 x 2.5" hot-swap drive bays
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive	N/A
Power Supply	560W Silver Level power supply	Redundant high-efficiency 650W w/I²C	Redundant high-efficiency 650W w/I²C
Cooling System	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 597mm (17.2" x 1.7" x 23.5")	1U Rackmount 437 x 43 x 597mm (17.2" x 1.7" x 23.5")	1U Rackmount 437 x 43 x 597mm (17.2" x 1.7" x 23.5")



MODEL	SuperServer 6016TT-IBQF SuperServer 6016TT-IBXF	SuperServer 6016TT-INFF	SuperServer 6016TT-TF SuperServer 6016TT-TL
Processor Support	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)
Key Applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
Outstanding Features	• Two nodes in 1U • 40/20 Gigabit InfiniBand controller onboard • Double density and computing power • Independent power & cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs • IPMI 2.0 + KVM with dedicated LAN • 1200W Gold-level power supply	• Two nodes in 1U • InfiniBand controller onboard • Double density and computing power • Independent power control & cooling control • Higher power utilization increases power supply efficiency • Reduces power cables and power strips • Save maintenance/management costs • IPMI 2.0 + KVM with dedicated LAN • 1200W Gold-level power supply	• Two nodes in 1U • Double density and computing power • Independent power control & cooling control • Higher power utilization increases power supply efficiency • Reduces power cables and power strips • Save maintenance/management costs • IPMI 2.0 + KVM with dedicated LAN • 1200W Gold-level power supply
Chipset/ Serverboard	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER● X8DTT-IBQF/IBXF	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER● X8DTT-INFF	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER● X8DTT-F/X8DTT-L
System Memory (Max.)	Twin set of 96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	Twin set of 96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	Twin set of 96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs
Expansion Slots	Twin set of PCI-E 2.0 x16 via riser card (Low-profile) Twin set of ConnectX QDR 40Gbps InfiniBand w/QSFP connector (6016T-IBQF) Twin Set of ConnectX DDR 20Gbps InfiniBand w/QSFP connector (6016T-IBXF)	Twin set of PCI-E 2.0 x16 via riser card (Low-profile) Twin set of InfiniHost III InfiniBand connector	Twin set of PCI-E 2.0 x16 via riser card (Low-profile)
Onboard Storage Controller	Twin set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Onboard LAN/VGA	Twin set of Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Twin set of Matrox G200eW graphics	Twin set of Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Twin set of Matrox G200eW graphics	Twin set of Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Twin set of Matrox G200eW graphics
Manageability	Twin set of IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	Twin set of IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	Twin set of IPMI 2.0 + KVM with dedicated LAN (6016TT-TF), Super Doctor® III, Watch Dog
Drive Bays	Twin set of 2 x 3.5" hot-swap drive bays	Twin set of 2 x 3.5" hot-swap drive bays	Twin set of 2 x 3.5" hot-swap drive bays
Peripheral Bays	N/A	N/A	N/A
Power Supply	1200W high-efficiency Gold-level power supply w/PMBus	1200W high-efficiency Gold-level power supply w/PMBus	1200W high-efficiency Gold-level power supply w/PMBus
Cooling System	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")



SuperServer 6016T-3RF	SuperServer 6016T-URF/UF	SuperServer 6016T-NTF	SuperServer 6016T-NTRF
Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)
HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
• 4 hot-swap drive bays • 48 GB DDR3 memory • 2 Gigabit Ethernet ports • IPMI 2.0 + KVM with dedicated LAN • UID LED	• Universal I/O (UIO) slot • 2 add-on cards & optional 3rd & 4th LAN port • 4 hot-swap drive bays • 96 GB DDR3 memory • 2 Gigabit Ethernet ports • IPMI 2.0 + KVM with dedicated LAN • UID LED	• 2 add-on cards & optional 3rd & 4th LAN port • 4 hot-swap drive bays • 96 GB DDR3 memory • 2 Gigabit Ethernet ports • IPMI 2.0 + KVM with dedicated LAN • UID LED	• 2 add-on cards & optional 3rd & 4th LAN port • 4 hot-swap drive bays • 96 GB DDR3 memory • 2 Gigabit Ethernet ports • IPMI 2.0 + KVM with dedicated LAN • Redundant power supply • UID LED
Intel® 5500 chipset with QPI up to 6.4GT/s SUPER● X8DTW-3F	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER● X8DTU-F	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER● X8DTU-F	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER● X8DTU-F
48GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs
Left slot: 1 PCI-E 2.0 x16 supports riser card Right slot: Optional 3rd & 4th LAN port	Left slot: 1 PCI-E 2.0 x16 1 UIO Right slot: Optional 3rd & 4th LAN port	Left slot: 1 PCI-E 2.0 x16 1 PCI-E x8 Right slot: Optional 3rd & 4th LAN port	Left slot: 1 PCI-E 2.0 x16 1 PCI-E x8 Right slot: Optional 3rd & 4th LAN port
LSI® 1064E 4-port SAS controller Optional AOC-iButton68 (RAID 5) RAID 0, 1, 10 Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82574L Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controllers (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics
IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog
4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
Redundant high-efficiency 650W power supply w/FC	6016T-URF: Redundant high-efficiency 650W w/FC 6016T-UF: 560W high-efficiency	560W high-efficiency power supply	Redundant high-efficiency 650W power supply w/FC
4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")

1U Twin™
Cost-effective
IPMI 2.0 onboard



1U Twin™
10 Gigabit Ethernet



1U Twin™



MODEL	SuperServer 6015TC-LFTB	SuperServer 6015TC-10GB	SuperServer 1025TC-TB
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
Key Applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
Outstanding Features	• Two nodes in 1U • Up to 16 Cores in 1U • Double density and computing power • Independent power control & cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs • IPMI 2.0 + KVM with dedicated LAN	• Two nodes in 1U • Up to 16 Cores in 1U • 10G Gigabit Ethernet controller onboard • Double density and computing power • Independent power control & cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN	• Two nodes in 1U • Up to 16 Cores in 1U • Double density and computing power • Independent power control & cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN
Chipset/ Serverboard	Intel® 5100 chipset with 1.33GHz FSB/ SUPER● X7DCT-LF	Intel® 5100 chipset with 1.33GHz FSB/ SUPER● X7DCT-10G	Intel® 5100 chipset with 1.33GHz FSB/ SUPER● X7DCT
System Memory (Max.)	Twin set of 48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	Twin set of 48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	Twin set of 48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets
Expansion Slots	Twin set of PCI-E x16 via riser card	Twin set of PCI-E x16 via riser card (Low-profile)	Twin set of PCI-E x16 via riser card (Low-profile)
Onboard Storage Controller	Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Onboard LAN/VGA	Twin set of Dual LAN with Intel® 82575EB Gigabit Ethernet controller (w/IOAT support) Twin set of Integrated 128MB server graphics	Twin set of Dual LAN with Intel® 82598EB 10 Gigabit & 82573V/L Gigabit Ethernet controller (w/IOAT support) Twin set of ATI® ES1000 32MB PCI graphics	Twin set of Dual LAN with Intel® 82573V/L Gigabit Ethernet controllers (w/IOAT support) Twin set of ATI® ES1000 32MB PCI graphics
Manageability	Twin set of IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog
Drive Bays	Twin set of 2 x 3.5" hot-swap drive bays	Twin set of 2 x 3.5" hot-swap drive bays	Twin set of 2 x 3.5" hot-swap drive bays
Peripheral Bays	N/A	N/A	N/A
Power Supply	780W high-efficiency power supply w/I/C	780W high-efficiency power supply w/I/C	780W high-efficiency power supply w/I/C
Cooling System	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")

1U Twin™
20 Gbps InfiniBand
1.6GHz FSB

1U Twin™
1.6GHz FSB

1U Twin™

1U Twin™



SuperServer 6015TW-INFV SuperServer 6015TW-INFB	SuperServer 6015TW-TV SuperServer 6015TW-TB	SuperServer 6015T-INFV SuperServer 6015T-INFB	SuperServer 6015T-TV SuperServer 6015T-TB
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
• Two nodes in 1U • Up to 16 Cores in 1U • Double density and computing power • Independent power control • Independent cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs	• Two nodes in 1U • Up to 16 Cores in 1U • Double density and computing power • Independent power control • Independent cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs	• Two nodes in 1U • Up to 16 Cores in 1U • Double density and computing power • Independent power control • Independent cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs	• Two nodes in 1U • Up to 16 Cores in 1U • Double density and computing power • Independent power control • Independent cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs
Intel® 5400 chipset with 1.6GHz FSB/ SUPER●● X7DWT-INF	Intel® 5400 chipset with 1.6GHz FSB/ SUPER●● X7DWT	Intel® 5000P chipset with 1.33GHz FSB/ SUPER●● X7DBT-INF	Intel® 5000P chipset with 1.33GHz FSB/ SUPER●● X7DBT
Twin set of 64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	Twin set of 64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	Twin set of 32 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets	Twin set of 32 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets
Twin set of 1 PCI-E Gen 2.0 x16 via riser card	Twin set of 1 PCI-E Gen 2.0 x8 via riser card	Twin set of PCI-E x8 via riser card	Twin set of PCI-E x8 via riser card
Twin set of Intel® ESB2 for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Twin set of Mellanox 20Gbps Infiniband Controller	Twin set of Intel® ESB2 for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ESB2 for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Twin set of Mellanox 20Gbps Infiniband Controller (6015T-INF (V/B) only)	Twin set of Intel® ESB2 for 4 SATA (3 Gbps) RAID 0, 1, 5, 10
Twin set of Dual LAN with Intel® 82563 Gigabit Ethernet controllers (w/IOAT) Twin set of ATI® ES1000 32MB PCI graphics	Twin set of Dual LAN with Intel® 82563 Gigabit Ethernet controllers (w/IOAT) Twin set of ATI® ES1000 32MB PCI graphics	Twin set of Dual LAN with Intel® 82563 Gigabit Ethernet controllers Twin set of ATI® ES1000 16MB PCI graphics	Twin set of Dual LAN with Intel® 82563 Gigabit Ethernet controllers Twin set of ATI® ES1000 16MB PCI graphics
Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog
Twin set of 2 x 3.5" hot-swap drive bays	Twin set of 2 x 3.5" hot-swap drive bays	Twin set of 2 x 3.5" hot-swap drive bays	Twin set of 2 x 3.5" hot-swap drive bays
N/A	N/A	N/A	N/A
980W high-efficiency power supply w/I²C	980W high-efficiency power supply w/I²C	980W high-efficiency power supply w/I²C	980W high-efficiency power supply w/I²C
Twin set of 3 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")



UIO SAS RAID 5



3 Add-on Cards



3 Add-on Cards

MODEL	SuperServer 6015C-URV/UV SuperServer 6015C-URB/UB	SuperServer 6015C-NTRV/NTV SuperServer 6015C-NTRB/NTB	SuperServer 6015C-Ni/NiB
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
Key Applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
Outstanding Features	• Universal I/O (UIO) slot • Less power consumption • Higher I/O performance • Flexible UIO SAS controller card • 7 years product life • Redundant high-efficiency power supply	• Supports up to 3 add-on cards • Less power consumption • Higher I/O performance • Flexible UIO SAS controller card • 7 years product life • Redundant high-efficiency power supply	• Supports up to 3 add-on cards • Less power consumption • Higher I/O performance • Flexible UIO SAS controller card • 7 years product life • High-efficiency power supply
Chipset/ Serverboard	Intel® 5100 chipset with 1.33GHz FSB / SUPER® X7DCU	Intel® 5100 chipset with 1.33GHz FSB / SUPER® X7DCU	Intel® 5100 chipset with 1.33GHz FSB / SUPER® X7DCT
System Memory (Max.)	48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets
Expansion Slots	Right slot: 1 PCI-E x8 (low-profile) Left slot: 1 UIO & 1 PCI-E x8 (full-length)	Right slot: 1 PCI-E x8 (low-profile) Left slot: 1 UIO & 1 PCI-E x8 (full-length)	Right slot: 1 PCI-E x8 (low-profile) Left slot: 2 PCI-E x8 (full-length)
Onboard Storage Controller	Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller card	Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Onboard LAN/VGA	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT support) ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT support) ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT support) ATI® ES1000 32MB PCI graphics
Manageability	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog
Drive Bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	3 x 3.5" internal drive bays
Peripheral Bays	N/A	N/A	N/A
Power Supply	6015C-UR: Redundant high-efficiency 650W w/I ² C 6015C-U: High-efficiency 560W w/I ² C	6015C-NTR: Redundant high-efficiency 650W w/I ² C 6015C-NT: High-efficiency 560W w/I ² C	520W high-efficiency power supply w/I ² C
Cooling System	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	2 x 10cm heavy-duty blowers w/optimal fan speed control
Form Factor	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 426 x 43 x 650mm (16.8" x 1.7" x 25.6")



SuperServer 6015W-URV/URB	SuperServer 6015W-UV/UB	SuperServer 6015W-NTRV/NTRB SuperServer 6015W-NTV/NTB	SuperServer 6015W-Ni/NiB
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)
High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)
• Universal I/O (UIO) slot • 4 hot-swap drive bays • 64 GB FB-DIMM memory • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID LED • High efficiency redundant power supply	• Universal I/O (UIO) slot • 4 hot-swap drive bays • 64 GB FB-DIMM memory • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID LED	• Support up to 3 add-on cards • Universal I/O (UIO) slot • 4 hot-swap drive bays • 64 GB FB-DIMM memory • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID LED	• Support up to 3 add-on cards • Universal I/O (UIO) slot • 3 fixed drive bays • 64 GB FB-DIMM memory • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID LED
Intel® 5400 chipset with 1.6GHz FSB/ SUPER●® X7DWU	Intel® 5400 chipset with 1.6GHz FSB/ SUPER●® X7DWU	Intel® 5400 chipset with 1.6GHz FSB/ SUPER●® X7DWU	Intel® 5400 chipset with 1.6GHz FSB/ SUPER●® X7DWU
64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported
Right slot: 1 PCI-E x8 (low-profile) Left slot: 1 Universal I/O (UIO) slot via riser card 1 PCI-E x8	Right slot: 1 PCI-E x8 (low-profile) Left slot: 1 Universal I/O (UIO) slot via riser card 1 PCI-E x8	Right slot: 1 PCI-E x8 (low-profile) Left slot: 2 PCI-E x8	Right slot: 1 PCI-E x8 (low-profile) Left slot: 2 PCI-E x8 or 1 PCI-E x16 (optional)
Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT II) ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT II) ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT II) ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT II) ATI® ES1000 32MB PCI graphics
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog
4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	3 x 3.5" internal drive bays
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	N/A
Redundant high-efficiency 650W w/TC	560W high-efficiency power supply	6015W-NTR: Redundant high-efficiency 650W power supply w/TC 6015W-NT: 560W high-efficiency power supply	520W high-efficiency power supply
4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	2 x 10cm heavy-duty blowers
1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 426 x 43 x 650mm (16.8" x 1.7" x 25.6")



MODEL	SuperServer 6015B-URV/UV SuperServer 6015B-URB/UB	SuperServer 6015B-NTRV/NTV SuperServer 6015B-NTRB/NTB	SuperServer 6015B-Ni/NiB
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
Key Applications	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)
Outstanding Features	• Universal I/O (UIO) slot • 4 hot-swap drive bays • 32 GB FB-DIMM memory • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID LED	• Supports up to 3 add-on cards • 4 hot-swap drive bays • 32 GB FB-DIMM memory • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID LED	• Supports up to 3 add-on cards • 4 hot-swap drive bays • 32 GB FB-DIMM memory • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID LED
Chipset/ Serverboard	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DBU	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DBU	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DBU
System Memory (Max.)	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
Expansion Slots	Right slot: 1 Universal PCI-X 133 or PCI-E x8 Left slot: 1 Universal I/O (UIO) slot via riser card 1 PCI-E x8	Right slot: 1 Universal PCI-X 133 or PCI-E x8 Left slot: 2 PCI-E x8	Right slot: 1 Universal PCI-X 133 or PCI-E x8 Left slot: 2 PCI-E x8
Onboard Storage Controller	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10
Onboard LAN/VGA	Dual LAN with Intel® 82563 Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563 Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563 Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller
Manageability	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog
Drive Bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	3 x 3.5" internal drive bays
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive	N/A
Power Supply	6015B-URV/URB: Redundant high-efficiency 650W power supply w/I²C 6015B-UV/UB: 560W high-efficiency power supply	6015B-NTR: Redundant high-efficiency 650W power supply w/I²C 6015B-NT: High-efficiency 560W w/I²C	520W high-efficiency power supply w/I²C
Cooling System	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	2 x 10cm heavy-duty blowers w/optimal fan speed control
Form Factor	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 426 x 43 x 650mm (16.8" x 1.7" x 25.6")

PCI-E x16



**2U in 1U SAS
3+1 Add-on Cards**



**2U in 1U SAS
4+1 Add-on Cards**



**2U in 1U SAS
4+1 Add-on Cards**



SuperServer 6015A-NTV/NTB	SuperServer 6015X-3V/3B	SuperServer 6015X-8V/8B	SuperServer 6015W-TV/TB
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)
• PCI-E x16 slot support • 4 hot-swap drive bays • 32 GB FB-DIMM memory • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID LED	• Up to 3 expansion slots in 1U • Universal PCI-X or PCI-Express • 32 GB FBDIMM memory • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • Front Access 700W high-efficiency power	• Up to 4 expansion slots in 1U • 3 SCA drive bays with SAF-TE • Universal PCI-X or PCI-Express • 32 GB FBDIMM memory • 2 Gigabit Ethernet ports & ZCR support • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • Front Access 700W high-efficiency power	• Up to 4 expansion slots in 1U • Universal PCI-X or PCI-Express • 32 GB FBDIMM memory • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • Front Access 700W high-efficiency power
Intel® 5000X chipset with 1.33GHz FSB/ SUPER [®] X7DGU	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DBX-i	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DBX-8	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DBX-i
32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
Right slot: 1 Universal PCI-X 133 or PCI-E x8 Left slot: 1 PCI-E x16	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile)/ PCI-E x4 (low-profile) 1 PCI-E x8	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile)/ PCI-E x4 (low-profile) 1 PCI-E x8 & 1 PCI-E x4 (full-length)/ 2 PCI-X 133MHz with optional riser card RSC-R1UEP-A2X (full-length)	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile)/ PCI-E x4 (low-profile) 1 PCI-E x8 & 1 PCI-E x4 (full-length)/ 2 PCI-X 133MHz with optional riser card RSC-R1UEP-A2X (full-length)
Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	AOC-USAS-L4i SAS controller card installed support RAID 0, 1, 10	Adaptec® 7902W 2-channel Ultra320 SCSI Optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10
Dual LAN with Intel® 82563 Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	SIM1U-3B slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	SIM1U-3B slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	SIM1U-3B slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog
4 x 3.5" hot-swap drive bays	3 x 3.5" hot-swap SAS drive bays with SES2	3 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE	3 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
560W high-efficiency power supply	700W high-efficiency power supply w/TC	700W high-efficiency power supply w/TC	700W high-efficiency power supply w/TC
4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	5 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	5 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	5 x 4cm counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")



MODEL	SuperServer 6015P-8R/8RB SuperServer 6015P-8/8B	SuperServer 6015P-T/TB SuperServer 6015P-TR/TRB	SuperServer 6015B-8+V/8+B
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
Key Applications	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)
Outstanding Features	• 4 SCA drive bays with SAF-TE • Universal PCI-X or PCI-Express • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • ZCR support • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 700W redundant high-efficiency power	• 4 SATA drive bays with SGPIO • Universal PCI-X or PCI-Express • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 700W redundant high-efficiency power	• 4 SCA drive bays with SAF-TE • Universal PCI-X or PCI-Express • 64 GB FB-DIMM memory • 2 Gigabit Ethernet ports • ZCR support • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 700W high-efficiency power
Chipset/ Serverboard	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DBP-8	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DBP-i	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DBR-8+
System Memory (Max.)	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	64 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets
Expansion Slots	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile)/ PCI-E x8 (low-profile)	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 133 MHz (low-profile)/ PCI-E x8 (low-profile)	1 Universal PCI-X 133 MHz (full-length)/ PCI-Express x8 (full-length)
Onboard SATA RAID	Adaptec® 7902W 2-CH U320 SCSI Optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec® 7902W 2-CH Ultra320 SCSI Optional AOC-SOZCR1 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
Onboard LAN/VGA	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
Manageability	SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
Drive Bays	4 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE	4 x 3.5" hot-swap SATA drive bays with enclosure management w/SGPIO	4 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE
Peripheral Bays	1 slim DVD-ROM drive & 1 slim floppy	1 slim DVD-ROM drive & 1 slim floppy	1 slim DVD-ROM drive
Power Supply	6015P-8R (B): 700W redundant high- efficiency hot-swap power w/I ² C 6015P-8 (B): 700W high-efficiency cold-swap power supply w/I ² C	6015P-TR(B): 700W redundant high- efficiency hot-swap power supply w/I ² C 6015P-T(B): 700W high-efficiency power supply w/I ² C	700W high-efficiency power supply w/I ² C
Cooling System	4 x 4cm heavy-duty counter-rotating fans w/ optimal fan speed control & air shroud	4 x 4cm heavy-duty counter-rotating fans w/ optimal fan speed control & air shroud	4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")	1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")



SuperServer 6015B-T+V/T+B	SuperServer 6015B-3RV/3RB SuperServer 6015B-3V/3B	SuperServer 6015B-8V/8B	SuperServer 6015B-TV/TB
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)
• 4 SATA drive bays with SGPIO • Universal PCI-X or PCI-Express • 64 GB FB-DIMM memory • 2 Gigabit Ethernet ports • ZCR support • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 700W high-efficiency power	• 4 SCA drive bays with SAF-TE • Universal PCI-X or PCI-Express • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • ZCR support • SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 560W high-efficiency power	• 4 SATA drive bays with SGPIO • Universal PCI-X or PCI-Express • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 560W high-efficiency power supply	• 4 SATA drive bays with SGPIO • Universal PCI-X or PCI-Express • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 560W high-efficiency power supply
Intel® 5000P chipset with 1.33GHz FSB/ SUPER●® X7DBR-i+	Intel® 5000P chipset with 1.33GHz FSB/ SUPER●® X7DBR-3	Intel® 5000P chipset with 1.33GHz FSB/ SUPER●® X7DBR-8	Intel® 5000P chipset with 1.33GHz FSB/ SUPER●® X7DBR-E
64 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
1 Universal PCI-X 133 MHz (full-length)/ PCI-Express x8 (full-length)	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 133 MHz (low-profile)/ PCI-E x8 (low-profile)	1 Universal PCI-X 100 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile)/ PCI-E x8 (low-profile)	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 133 MHz (low-profile)/ PCI-E x8 (low-profile)
Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec® 9410 for 4 Int. SAS/SATA ports and 1 Ext. 4x port; optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3Gbps); RAID 0, 1, 5, 10	Adaptec® 7902W 2-channel Ultra320 SCSI Optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
4 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE	4 x 3.5" hot-swap SAS/SATA drive bays with SES2	4 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE	4 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
700W high-efficiency power supply w/I ² C	6015B-3R (V/B): Redundant high-efficiency 650W power supply w/I ² C 6015B-3 (V/B): 560W Silver Level high-efficiency power supply I ² C	560W high-efficiency power supply	560W high-efficiency power supply
4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")



**QPI & DDR3
SAS RAID 5**



QPI & DDR3



SAS RAID 5



MODEL	SuperServer 1026T-M3	SuperServer 1026T-T	SuperServer 1025C-3B
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual-Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
Key Applications	File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business & other server applications
Outstanding Features	• 20" depth compact size • Eight 2.5" SAS/SATA drive bays • 48GB DDR3 SDRAM • 560W high efficiency Silver Level power	• 1 Full-height & full-length PCI-E card • 4 2.5" SATA drive bays • 48GB DDR3 SDRAM • 560W high efficiency Silver Level power	• 85%+ Power Efficiency (20%~100% Loading) • 40% Less Power Consumption • 130 to 150% Greater System Performance • Up to 4 x 2.5" SAS or SATA HDD
Chipset/ Serverboard	Intel® 5500 chipset with QPI up to 6.4GT/s SUPER [®] X8DTL-3	Intel® 5500 chipset with QPI up to 6.4GT/s SUPER [®] X8DTL-i	Intel® 5100 chipset with 1.33GHz FSB/ SUPER [®] X7DCL-3
System Memory (Max.)	48GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 6 DIMMs	48GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 6 DIMMs	32/48 GB* Dual-Channel ECC Reg. DDRII 667/533MHz in 6 DIMM sockets
Expansion Slots	1 PCI-E 2.0 x8 (in x16 slot)	1 PCI-E 2.0 x8 (in x16 slot)	1 PCI-E x8
Onboard SATA RAID	LSI® LSI 1068E 8-port SAS controller Optional AOC-iButton68 (RAID 5) Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 1068E for 8 SAS/SATA ports Optional AOC-iButton68 (RAID 5) Intel® ICH9R for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
Onboard LAN/VGA	Dual LAN with Intel® 82574L Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82574L Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82573 Gigabit Ethernet controllers XGI Z9s 32MB graphics controller
Manageability	Super Doctor® III, Watch Dog	Super Doctor® III, Watch Dog	SIMLC socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
Drive Bays	8 x 2.5" hot-swap drive bays	4 x 2.5" hot-swap drive bays	4 x 2.5" hot-swap SAS drive bays with SES2
Peripheral Bays	N/A	N/A	N/A
Power Supply	560W high-efficiency Silver Level power supply w/FC	560W high-efficiency Silver Level power supply w/FC	560W Silver Level high-efficiency power supply w/FC
Cooling System	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	3 x 4cm counter-rotating fans & optional 2 x 4cm fans for add-on card area	3 x 4cm counter-rotating fans & optional 2 x 4cm fans for add-on card area
Form Factor	1U Rackmount 437 x 43 x 508mm (17.2" x 1.7" x 20")	1U Rackmount 426 x 43 x 558mm (16.8" x 1.7" x 21.95")	1U Rackmount 426 x 43 x 558mm (16.8" x 1.7" x 21.95")



SAS RAID 5

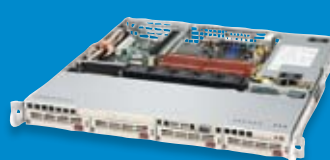
QPI & DDR3

QPI & DDR3

QPI & DDR3



SuperServer 1025C-M3B	SuperServer 6016T-MT	SuperServer 6016T-T	SuperServer 6016T-MR
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual-Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual-Core Intel® Xeon® processor 5500 series (LGA1366)
File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business & other server applications
• 85%+ Power Efficiency(20%~100% Loading) • 40% Less Power Consumption • 130~150% Greater System Performance • Up to 8 2.5" SAS or SATA HDD	• Four 3.5" SAS/SATA drive bays • 48GB DDR3 SDRAM • 520W high-efficiency power	• Two 3.5" SAS/SATA drive bays • 48GB DDR3 SDRAM • 280W high-efficiency power	• 14.5" depth optimized for space efficiency • 48GB DDR3 SDRAM • 280W high-efficiency power
Intel® 5100 chipset with 1.33GHz FSB/ SUPER●® X7DCL-3	Intel® 5500 chipset with QPI up to 6.4GT/s SUPER●® X8DTL-i	Intel® 5500 chipset with QPI up to 6.4GT/s SUPER●® X8DTL-i	Intel® 5500 chipset with QPI up to 6.4GT/s SUPER●® X8DTL-i
32/48 GB* Dual-Channel ECC Reg. DDRII 667/533MHz in 6 DIMM sockets	48GB of Reg. ECC DDRIII 1333/1066/800 MHz SDRAM in 6 DIMMs	48GB of Reg. ECC DDRIII 1333/1066/800 MHz SDRAM in 6 DIMMs	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
1 PCI-E x8	1 PCI-E 2.0 x8 (in x16 slot)	1 PCI-E 2.0 x8 (in x16 slot)	1 PCI-E 2.0 x8 (in x16 slot)
LSI® 1068E for 8 SAS/SATA ports Optional AOC-iButton68 (RAID 5) Intel® ICH9R for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82573 Gigabit Ethernet controllers XGI Z9s 32MB graphics controller	Dual LAN with Intel® 82574L Gigabit Ethernet cotroller (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82574L Gigabit Ethernet cotroller (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82574L Gigabit Ethernet cotroller (w/IOAT support) Matrox G200eW graphics
SIMLC socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	Super Doctor® III, Watch Dog	Super Doctor® III, Watch Dog	Super Doctor® III, Watch Dog
8 x 2.5" hot-swap SAS drive bays with SES2	4 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	2 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	1 x 3.5" fixed SATA drive bays
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
560W Silver Level high-efficiency power supply w/1C	520W high-efficiency power supply	280W high-efficiency power supply	280W high-efficiency power supply
4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	2 x 10cm high performance blowers w/optimal fan speed control & air shroud	3 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 508mm (17.2" x 1.7" x 20")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 426 x 44 x 574mm (16.8" x 1.7" x 22.6")	Mini 1U Rackmount 426 x 44 x 369mm (16.8" x 1.7" x 14.5")



MODEL	SuperServer 6015C-M3/M3B SuperServer 6015C-MT/MTB	SuperServer 6015V-MT/MTB	SuperServer 6015V-T/TB
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 Series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 Series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 Series (LGA771)
Key Applications	File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business & other server applications
Outstanding Features	• 4 SATA drive bays with SGPIO • PCI-Express x8 • 32/48 GB ECC reg. DDR2 memory • 2 Gigabit Ethernet ports • SIM1U socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 520W high-efficiency power supply	• 4 SATA drive bays w/SGPIO • 1 PCI-X 133MHz or 1 PCI-E x8 • 16 GB FB-DIMM memory • 2 Gigabit Ethernet ports • Front-side USB 2.0 ports • SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 520W high-efficiency power supply	• 2 SATA drive bays w/SGPIO • 1 PCI-X 133 MHz • 16 GB FB-DIMM memory • 2 Gigabit Ethernet ports • Front side USB 2.0 ports • SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 520W high-efficiency power supply
Chipset/ Serverboard	Intel® 5100 chipset with 1.33GHz FSB/ SUPER [®] X7DCL-i/X7DCL-3	Intel® 5000V chipset with 1.33GHz FSB/ SUPER [®] X7DVL-i	Intel® 5000V chipset with 1.33GHz FSB/ SUPER [®] X7DVL-E
System Memory (Max.)	32/48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets	16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets
Expansion Slots	1 PCI-Express x8	1 Universal 64-bit PCI-X 133MHz or PCI-E x8	1 64-bit PCI-X 133 MHz
Onboard SATA RAID	LSI® 1068E for 8 SAS/SATA ports Optional AOC-iButton68 (RAID 5) RAID 0,1,10 Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
Onboard LAN/VGA	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers XGI Z9s 32MB graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller XGI Z7 16MB graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
Manageability	SIMLC socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III Watch Dog	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
Drive Bays	6015C-M3: 4 x 3.5" hot-swap SAS drive bays w/SES2 6015C-MT: 4 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	4 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	2 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
Power Supply	520W high-efficiency power supply	520W high-efficiency power supply	520W high-efficiency power supply
Cooling System	4 x 4cm heavy duty fans w/optimal fan speed control & air shroud	4 x 4cm heavy-duty fans w/optimal fan speed control & air shroud	2 x 10cm high performance blowers w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 426 x 44 x 574mm (16.8" x 1.7" x 22.6")

Low Power System

Six-Core Xeon MP



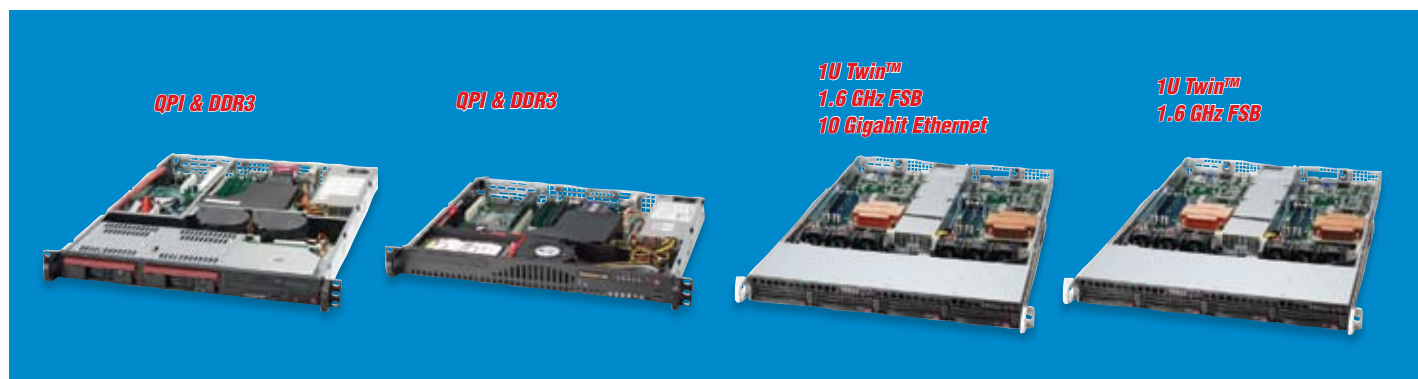
SuperServer 6015V-TLP/TLPB	SuperServer 6015V-MR/MRB	SuperServer 6015V-MRLP/MRLPB	SuperServer 8015C-TB
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100/5000 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100/5000 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100/5000 series (LGA771)	Six-Core/Quad-Core Intel® Xeon® MP Processor 7400/7300/7200 series
File server, e-mail server, web server for small business & other server applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications	High-end enterprise server, SQL server, high performance computing cluster (HPCC), high density server farm
• 2 SATA drive bays w/SGPIO • 1 PCI-X 133MHz • 16 GB FB-DIMM memory • 2 Gigabit Ethernet ports • Front side USB 2.0 ports • SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 280W high-efficiency power supply	• Optimized for shallow racks • 1 PCI-X 133 MHz • 16 GB FB-DIMM memory • 2 Gigabit Ethernet ports • Front side USB 2.0 ports • SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 520W high-efficiency power supply	• Optimized for shallow racks • 1 PCI-X 133 MHz • 16 GB FB-DIMM memory • 2 Gigabit Ethernet ports • SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 280W high-efficiency power supply	• 16 processing cores in 1U • 3 SATA drive bays • PCI-Express x8 • 192 GB FB-DIMM 667/533 SDRAM • 2 Gigabit Ethernet ports • IPMI 2.0 server management • 1000W high-efficiency power
Intel® 5000V chipset with 1.33GHz FSB/SUPER® X7DVL-i	Intel® 5000V chipset with 1.33GHz FSB/SUPER® X7DVL-E	Intel® 5000V chipset with 1.33GHz FSB/SUPER® X7DVL-E	Intel® 7300 chipset with 1.06GHz FSB/SUPER® X7QCE
16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets	16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets	16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets	192 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 24 DIMM sockets
1 Universal 64-bit PCI-X 133MHz or 1 PCI-E x8	1 64-bit PCI-X 133 MHz	1 64-bit PCI-X 133 MHz	1 PCI-E x8 (using x16 slot)
Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA; RAID 0, 1, 5, 10
Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller
SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
2 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	1 x 3.5" fixed SATA drive bay with enclosure management (SGPIO)	2 x 3.5" fixed SATA drive bays with enclosure management (SGPIO)	3 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
280W high-efficiency power supply	520W high-efficiency power supply	280W high-efficiency power supply	1000W high-efficiency power supply w/ PFC
2 x 10cm high performance blowers w/optimal fan speed control & air shroud	3 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	2 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	6 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 426 x 44 x 574mm (16.8" x 1.7" x 22.6")	Mini 1U Rackmount 437 x 44 x 369mm (17.2" x 1.7" x 14.5")	Mini 1U Rackmount 437 x 44 x 369mm (17.2" x 1.7" x 14.5")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")



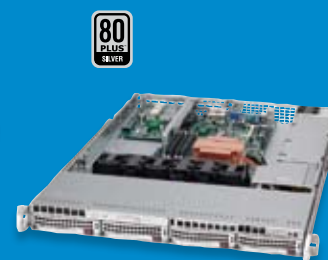
**QPI & DDR3
IPMI 2.0 onboard**



MODEL	SuperServer 1015B-3	SuperServer 1015B-M3	SuperServer 1016T-MTF
Processor Support	Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)	Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)	Single Intel® Quad-Core/Dual-Core Core™ i7 & Xeon® 5500/3500 Series (LGA 1366 socket)
Key Applications	NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small business, cluster node & other server applications
Outstanding Features	• The World's First 1U Silver Level • Power Supply • 4 2.5" hot-swap drive bays • 8 GB DDRII 800/667 SDRAM • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID	• The World's First 1U Silver Level Power Supply • 4 2.5" hot-swap drive bays • 8 GB DDRII 800/667 SDRAM • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID	• 4 SATA drive bays • 24 GB DDRIII 1333/1066/800 SDRAM • Dual Gigabit Ethernet ports • Front USB 2.0 & serial ports • IPMI 2.0 with dedicated LAN
Chipset/ Serverboard	Intel® 3210 chipset with 1.6GHz FSB SUPERMICR® X7SB3-F	Intel® 3210 chipset with 1.6GHz FSB SUPERMICR® X7SB3-F	Intel® X58 chipset with QPI up to 6.4 GT/s SUPERMICR® X8STi-F
System Memory (Max.)	8 GB of Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets	8 GB of Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets	24 GB of Unb. ECC, or non ECC DDRIII 1333/1066/800 SDRAM in 6 DIMM sockets
Expansion Slots	1 PCI-E x8	1 PCI-E x8	1 PCI-E 2.0 x16
Onboard SATA RAID	LSI® 1068E controller for 8 SAS Optional AOC-iButton68 (RAID 5) RAID 0,1,10 Intel® ICH9 for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller card	LSI® 1068E for 8 SAS/SATA ports Optional AOC-iButton68 (RAID 5) RAID 0,1,10 Intel® ICH9R for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Onboard LAN/VGA	Dual LAN with Intel® 82573L PCI-E Gigabit Ethernet controller Integrated 128MB server graphics	Dual LAN with Intel® 82573L PCI-E Gigabit Ethernet controller Integrated 128MB server graphics	Dual LAN with Intel® 82574L Gigabit Ethernet controllers Integrated 128MB server graphics
Manageability	IPMI 2.0 + KVM with dedicated LAN Super Doctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN Super Doctor® III, Watch Dog	IPMI 2.0 with dedicated LAN Super Doctor® III, Watch Dog
Drive Bays	4 x 2.5" hot-swap SATA drive bay	8 x 2.5" hot-swap SAS drive bays with SES2	4 x 3.5" hot-swap SATA drive bays
Peripheral Bays	1 slim CD-ROM drive option	1 slim CD-ROM drive option	1 slim DVD-ROM drive
Power Supply	560W Silver Level high-efficiency power supply w/FC	560W Silver Level high-efficiency power supply w/FC	280W high-efficiency power supply
Cooling System	3 x 4cm counter-rotating fans & optional 2 x 4cm fans for add-on card area	4 x 4cm counter-rotating fans & optional 2 x 4cm fans for add-on card area	4 x 4cm heavy-duty fans w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 426 x 43 x 558mm (16.8" x 1.7" x 21.95")	1U Rackmount 437 x 43 x 508mm (17.2" x 1.7" x 20")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")



SuperServer 5016T-T	SuperServer 5016T-MR	SuperServer 5015TB-10GB	SuperServer 5015TB-TB
Single Intel® Quad-Core/Dual-Core Core™ i7 & Xeon® 5500/3500 Series (LGA 1366 socket)	Single Intel® Quad-Core/Dual-Core Core™ i7 & Xeon® 5500/3500 Series (LGA 1366 socket)	Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)	Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)
NAS storage, file server, mail server, web server for small business, cluster node & other server applications	NAS storage, file server, mail server, web server for small business, cluster node & other server applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
• 4 SATA drive bays • 24 GB DDRIII 1333/1066/800 SDRAM • Dual Gigabit Ethernet ports • Front USB 2.0 & serial ports • IPMI 2.0 with dedicated LAN	• Optimized for shallow racks • 24 GB DDRIII 1333/1066/800 SDRAM • 2 PCI-Express x16 (Gen 2.0) • 4 Gigabit Ethernet ports • PWM fan speed control • High-efficiency power	• Two nodes in 1U • Up to 8 Cores in 1U • 10 Gigabit Ethernet controller onboard • Double density and computing power • Independent power control • Independent cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs	• Two nodes in 1U • Up to 8 Cores in 1U • Double density and computing power • Independent power control • Independent cooling control • Higher power utilization increases power supply efficiency • Reduce power cables and power strips • Save maintenance/management costs
Intel® X58 chipset with QPI up to 6.4 GT/s SUPER● X8STi-F	Intel® X58 chipset with QPI up to 6.4 GT/s SUPER● X8STi	Intel® X48 chipset with 1.6GHz FSB/SUPER● X7SBT-10G	Intel® X48 chipset with 1.6GHz FSB/SUPER● X7SBT-10G
24 GB of Unb. ECC, or non ECC DDRIII 1333/1066/800 SDRAM in 6 DIMM sockets	24 GB of Unb. ECC, non ECC DDRIII 1333/1066/800 SDRAM in 6 DIMM sockets	8 GB of Unb. ECC, non ECC DDRIII 1333/1066/800 SDRAM; up to non-ECC 1600 MHz in 4 DIMM sockets	8 GB of Unb. ECC, non ECC DDRIII 1333/1066/800 SDRAM; up to non-ECC 1600 MHz in 4 DIMM sockets
1 PCI-E 2.0 x16	1 PCI-E 2.0 x16	Twin set of PCI-E x16 via riser card	Twin set of PCI-E x16 via riser card
Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Twin set of Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10
Dual LAN with Intel® 82574L Gigabit Ethernet controllers Integrated 128MB server graphics	Dual LAN with Intel® 82574L Gigabit Ethernet controllers Integrated 120MB server graphics	Twin set of Dual LAN with Intel® 82598EB 10Gigabit & 82573V + 82573L Ethernet controllers Twin set of ATI® ES1000 32MB PCI graphics	Twin set of Dual LAN with Intel® 82573V + 82573L Ethernet controllers Twin set of ATI® ES1000 32MB PCI graphics
IPMI 2.0 with dedicated LAN Super Doctor® III, Watch Dog	SuperDoctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), Super Doctor® III, Watch Dog
2 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed SATA drive bay	Twin set of 2 x 3.5" hot-swap drive bays	Twin set of 2 x 3.5" hot-swap drive bays
1 slim DVD-ROM drive	1 slim CD-ROM drive option	N/A	N/A
280W high-efficiency power supply	200W high-efficiency power supply	780W high-efficiency power supply w/ I²C	780W high-efficiency power supply w/ I²C
4 x 4cm heavy-duty fans w/optimal fan speed control & air shroud	1 x 10cm heavy-duty blower w/optimal PWM fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	Mini 1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.5")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.5")



MODEL	SuperServer 5015B-URV/URB	SuperServer 5015B-UV/UB	SuperServer 5015B-NTR/NT(V) SuperServer 5015B-NTR/NT(B)
Processor Support	Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)	Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)	Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)
Key Applications	NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications
Outstanding Features	• Universal I/O (UIO) slot • 4 hot-swap drive bays • 8 GB DDRIII 1600 (XMP) SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID	• Universal I/O (UIO) slot • 4 hot-swap drive bays • 8 GB DDRIII 1600 (XMP) SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID	• The World's First 1U Silver Level Power Supply • Universal I/O (UIO) slot • 8 GB DDRIII 1600 (XMP) SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID
Chipset/ Serverboard	Intel® X48 chipset with 1.6GHz FSB/ SUPER [®] X7SBU	Intel® X48 chipset with 1.6GHz FSB/ SUPER [®] X7SBU	Intel® X48 chipset with 1.6GHz FSB/ SUPER [®] X7SBU
System Memory (Max.)	8 GB of Unb., non ECC DDRIII 1333/1066/800 SDRAM; up to non-ECC 1600 MHz in 4 DIMM sockets	8 GB of Unb., non ECC DDRIII 1333/1066/800 SDRAM; up to non-ECC 1600 MHz in 4 DIMM sockets	8 GB of Unb., non ECC DDRIII 1333/1066/800 SDRAM; up to non-ECC 1600 MHz in 4 DIMM sockets
Expansion Slots	Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 1 Universal I/O (UIO) slot via riser card 1 PCI-E x8	Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 1 Universal I/O (UIO) slot via riser card 1 PCI-E x8	Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 2 PCI-E x8
Onboard SATA RAID	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller card	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller card	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10
Onboard LAN/VGA	Dual LAN with Intel® 82573V/L PCI-E Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573V/L PCI-E Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573V/L PCI-E Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller
Manageability	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
Drive Bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
Power Supply	450W Redundant high-efficiency power supply w/FC	560W high-efficiency power supply	5015B-NTR(B): 450W Redundant high-efficiency power supply w/FC 5015B-NT(B): 560W high-efficiency power supply
Cooling System	3 x 4cm counter-rotating fans with optimal fan speed control & air shroud	3 x 4cm counter-rotating fans with optimal fan speed control & air shroud	5015B-NTR(V/B): 3 x 4cm counter-rotating fans 5015B-NT (V/B): 4 x 4cm counter-rotating fans with optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")



SuperServer 5015B-MT/MTB	SuperServer 5015B-T/TB	SuperServer 5015B-MR/MRB	SuperServer 5015B-MF/MFB
Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Quad/Duo series (LGA 775 socket)	Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Quad/Duo series (LGA 775 socket)	Single Intel® Dual-Core Xeon® 3000 Sequence, Core 2 Duo series (LGA 775 socket)	Single Intel® Dual-Core Xeon® 3000 Sequence, Core 2 Duo series (LGA 775 socket)
NAS storage, file server, mail server, web server for small business, cluster node & other server applications	NAS storage, file server, mail server, web server for small business, cluster node & other server applications	NAS storage, file server, mail server, web server for small business, cluster node & other server applications	NAS storage, file server, mail server, web server for small business, cluster node & other server applications
• 4 SATA drive bays • Universal PCI-X or PCI-Express • 8 GB DDRII 800/667 SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 socket • Front USB 2.0 & serial ports	• 2 SATA drive bays • Universal PCI-X or PCI-Express • 8 GB DDRII 800/667 SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 socket	• Optimized for shallow racks • Universal PCI-X or PCI-Express • 8 GB DDRII 800/667 SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 socket • PWM fan speed control • High-efficiency power	• Optimized for shallow racks • Universal PCI-X or PCI-Express • 8 GB DDRII 800/667 SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 socket • Front-side I/O Access
Intel® 3210 chipset with 1.33GHz FSB/ SUPER [®] X7SBI	Intel® 3210 chipset with 1.33GHz FSB/ SUPER [®] X7SBI	Intel® 3210 chipset with 1.33GHz FSB/ SUPER [®] X7SBI	Intel® 3210 chipset with 1.33GHz FSB/ SUPER [®] X7SBI
8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets	8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets	8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets	8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets
1 Universal PCI-X 133MHz (full-height & half-length) or 1 PCI-E x8	1 Universal PCI-X 133MHz (full-height & half-length) or 1 PCI-E x8	1 Universal PCI-X 133MHz (full-height & half-length) or 1 PCI-E x8	1 Universal PCI-X 133MHz (full-height & half-length) or 1 PCI-E x8
Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10
Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
4 x 3.5" hot-swap SATA drive bays	2 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed SATA drive bay	1 x 3.5" fixed or 2 x 2.5" optional fixed SATA drive bays
1 slim DVD-ROM drive	1 slim DVD-ROM drive 1 floppy drive	1 slim CD-ROM drive option	N/A
300W high-efficiency power supply	260W power supply	200W high-efficiency power supply	260W power supply
4 x 4cm heavy-duty fans w/optimal fan speed control & air shroud	2 x 10cm heavy-duty blowers w/optimal fan speed control & air shroud	1 x 10cm heavy-duty blower w/optimal PWM fan speed control & air shroud	1 x 10cm heavy-duty blower w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 426 x 43 x 574mm (16.8" x 1.7" x 22.6")	Mini 1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")	Mini 1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")



UIO SAS RAID 5

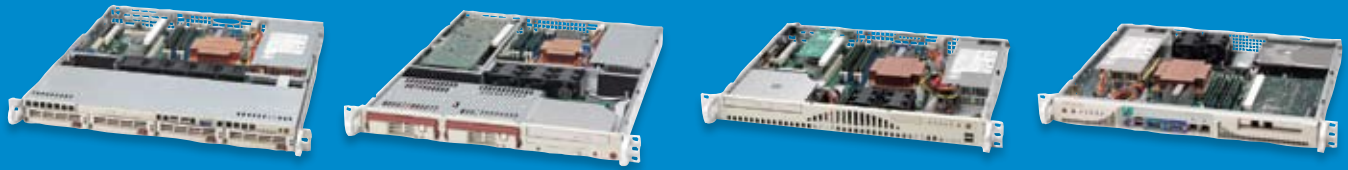


3 Add-on Cards



3 Add-on Cards

MODEL	SuperServer 5015M-URV/UV SuperServer 5015M-URB/UB	SuperServer 5015M-NTRV/NTV SuperServer 5015M-NTRB/NTB	SuperServer 5015M-Ni/NiB
Processor Support	Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence, Core 2 series (LGA 775 socket)	Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series (LGA 775 socket)	Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series
Key Applications	NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications	High-end file/print server, web server, communication gateway, primary server for small businesses
Outstanding Features	• Universal I/O (UIO) slot • 4 hot-swap drive bays • 8 GB DDRII 667 SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID	• Supports up to 3 add-on cards • 4 hot-swap drive bays • 8 GB DDRII 667 SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID	• Supports up to 3 add-on cards • 3 fixed drive bays • 8 GB DDRII 667 SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • UID
Chipset/ Serverboard	Intel® 3010 chipset with 1.06GHz FSB/ SUPER [®] PDSMU	Intel® 3010 chipset with 1.06GHz FSB/ SUPER [®] PDSMU	Intel® 3010 chipset with 1.06GHz FSB/ SUPER [®] PDSMU
System Memory (Max.)	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets
Expansion Slots	Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 1 Universal I/O (UIO) slot via riser card 1 PCI-E x8	Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 2 PCI-E x8	Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 2 PCI-E x8
Onboard SATA RAID	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller card	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10
Onboard LAN/VGA	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller
Manageability	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
Drive Bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	3 x 3.5" internal drive bays
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive	N/A
Power Supply	5015M-URV/URB: 450W Redundant high-efficiency power supply w/FC 5015M-UV/UB: 560W high-efficiency power supply	5015M-NTRV/NTRB: 450W Redundant high-efficiency power supply w/FC 5015M-NTV/NTB: 560W high-efficiency power supply	280W high-efficiency power supply
Cooling System	5015M-URV/URB: 3 x 4cm counter-rotating fans 5015M-UV/UB: 4 x 4cm counter-rotating fans with optimal fan speed control & air shroud	5015M-NTRV/NTRB: 3 x 4cm counter-rotating fans 5015M-NTV/NTB: 4 x 4cm counter-rotating fans with optimal fan speed control & air shroud	2 x 10cm heavy-duty blowers
Form Factor	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 426 x 43 x 650mm (16.8" x 1.7" x 25.6")



SuperServer 5015M-MT+/MT+B	SuperServer 5015M-T+/T+B	SuperServer 5015M-MR+/MR+B	SuperServer 5015M-MF+/MF+B
Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series	Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series	Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series	*Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series
NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications
• 4 SATA drive bays • Universal PCI-X or PCI-Express • 8 GB DDRII 667 SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 socket • Front USB 2.0 & serial ports	• 2 SATA drive bays • Universal PCI-X or PCI-Express • 8 GB DDRII 667 SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 socket	• Optimized for shallow racks • Universal PCI-X or PCI-Express • 8 GB DDRII 667 SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 socket	• Optimized for shallow racks • Universal PCI-X or PCI-Express • 8 GB DDRII 667 SDRAM • 2 PCI-Express Gigabit Ethernet ports • IPMI 2.0 socket • Front-side I/O Access
Intel® 3000 chipset with 1.06GHz FSB/ SUPER ● PDSMi+	Intel® 3000 chipset with 1.06GHz FSB/ SUPER ● PDSMi+	Intel® 3000 chipset with 1.06GHz FSB/ SUPER ● PDSMi+	Intel® 3000 chipset with 1.06GHz FSB/ SUPER ● PDSMi+
8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets
1 Universal PCI-X 133MHz (full-height & half-length) or 1 PCI-E x8	1 Universal PCI-X 133MHz (full-height & full-length) or 1 PCI-E x8	1 Universal PCI-X 133MHz (full-length & half-length) or 1 PCI-E x8	1 Universal PCI-X 133MHz (full-length & half-length) or 1 PCI-E x8
Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10
Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller
IPMI 2.0 socket, SuperDoctor® III, Watch Dog	IPMI 2.0 socket, Super Doctor® III, Watch Dog	IPMI 2.0 socket, Super Doctor® III, Watch Dog	IPMI 2.0 socket, SuperDoctor® III, Watch Dog
4 x 3.5" hot-swap SATA drive bays	2 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed SATA drive bay	1 x 3.5" fixed or 2 x 2.5" optional fixed SATA drive bays
1 slim CD-ROM drive	1 slim CD-ROM drive 1 floppy	1 slim CD-ROM drive	N/A
300W power supply	300W power supply	260W power supply	260W power supply
3 x 4cm heavy-duty fans w/optimal fan speed control & air shroud	3 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	2 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	2 x 4cm counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 44 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 426 x 43 x 574mm (16.8" x 1.7" x 22.6")	Mini 1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")	Mini 1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")



MODEL	SuperServer 6026TT-BIBQF SuperServer 6026TT-BIBXF	SuperServer 6026TT-BINFF	SuperServer 6026TT-BTF SuperServer 6026TT-BTL
Processor Support	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)
Key Applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
Outstanding Features	• Best Performance-per-Watt • Four nodes in 2U • Hot-pluggable system • 40/20 Gigabit InfiniBand controller onboard • 1200W Gold Level high-efficiency power supply w/PMBus • 384 GB DDR3 SDRAM • IPMI 2.0 + KVM with dedicated LAN • UID LED	• Best Performance-per-Watt • Four nodes in 2U • Hot-pluggable system • InfiniBand controller onboard • 1200W Gold Level high-efficiency power supply w/PMBus • 384 GB DDR3 SDRAM • IPMI 2.0 + KVM with dedicated LAN • UID LED	• Best Performance-per-Watt • Four nodes in 2U • Hot-pluggable system • 1200W Gold Level high-efficiency power supply w/PMBus • 384 GB DDR3 SDRAM • IPMI 2.0 + KVM with dedicated LAN • UID LED
Chipset/ Serverboard	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER●® X8DTT-IBQF/IBXF	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER●® X8DTT-INFF	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER●® X8DTT-F/X8DTT-L
System Memory (Max.)	Quad set of 96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	Quad set of 96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	Quad set of 96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs
Expansion Slots	Quad set of PCI-E 2.0 x16 via riser card (Low-profile) Quad set of ConnectX QDR 40Gbps InfiniBand w/QSFP connector (6026TT-BIBQF) Quad set of ConnectX DDR 20Gbps InfiniBand w/QSFP connector (6026TT-BIBXF)	Quad set of PCI-E 2.0 x16 via riser card (Low-profile) Quad set of InfiniHost III InfiniBand connector	Quad set of PCI-E 2.0 x16 via riser card (Low-profile)
Onboard Storage Controller	Quad set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Quad set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Quad set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Onboard LAN/VGA	Quad set of Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Quad set of Matrox G200eW graphics	Quad set of Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Quad set of Matrox G200eW graphics	Quad set of Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Quad set of Matrox G200eW graphics
Manageability	Quad set of IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	Quad set of IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	Quad set of IPMI 2.0 + KVM with dedicated LAN (6026TT-BTF), Super Doctor® III, Watch Dog
Drive Bays	Quad set of 3 x 3.5" hot-swap drive bays	Quad set of 3 x 3.5" hot-swap drive bays	Quad set of 3 x 3.5" hot-swap drive bays
Peripheral Bays	N/A	N/A	N/A
Power Supply	1200W high-efficiency Gold-level power supply w/PMBus	1200W high-efficiency Gold-level power supply w/PMBus	1200W high-efficiency Gold-level power supply w/PMBus
Cooling System	Twin set of 2 x 8cm hot-swap cooling fans w/optimal fan speed control & air shroud	Twin set of 2 x 8cm hot-swap cooling fans w/optimal fan speed control & air shroud	Twin set of 2 x 8cm hot-swap cooling fans w/optimal fan speed control & air shroud
Form Factor	2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")	2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")	2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")



SuperServer 6026TT-IBQF SuperServer 6026TT-IBXF	SuperServer 6026TT-INFF	SuperServer 6026TT-TF SuperServer 6026TT-TL	SuperServer 6026T-NTR+
Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)
HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	High end enterprise server. SQL server, high performance computing cluster (HPC)
• Four nodes in 2U • 40/20 Gigabit InfiniBand controller onboard • 1200W Gold Level high-efficiency power supply w/PMBus • 384 GB DDR3 SDRAM • IPMI 2.0 + KVM with dedicated LAN • UID LED	• Four nodes in 2U • InfiniBand controller onboard • 1200W Gold Level high-efficiency power supply w/PMBus • 384 GB DDR3 SDRAM • IPMI 2.0 + KVM with dedicated LAN • UID LED	• Four nodes in 2U • 1200W Gold Level high-efficiency power supply w/PMBus • 384 GB DDR3 SDRAM • IPMI 2.0 + KVM with dedicated LAN • UID LED	• Eight SATA drive bays • 144GB DDR3 SDRAM • 3 PCI-E + 3 PCI slots • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • Redundant 720W High-efficiency Gold level power supply w/PMBus
Intel® 5520 chipset with QPI up to 6.4GT/s SUPER●® X8DTT-IBQF/IBXF	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER●® X8DTT-INFF	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER●® X8DTT-F/X8DDT-L	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER●® X8DTN+
Quad set of 96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	Quad set of 96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	Quad set of 96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs	144GB of DDR3 Reg. ECC 1333/1066/800 MHz SDRAM in 18 DIMMs
Quad set of PCI-E 2.0 x16 via riser card (Low-profile) Quad set of ConnectX QDR 40Gbps InfiniBand w/QSFP connector (6026TT-IBQF) Quad set of ConnectX DDR 20Gbps InfiniBand w/QSFP connector (6026TT-IBXF)	Quad set of PCI-E 2.0 x16 via riser card (Low-profile) Quad set of InfiniHost III InfiniBand connector	Quad set of PCI-E 2.0 x16 via riser card (Low-profile)	2 PCI-E 2.0 x8 (1 in x16 slot) 1 PCI-E x4 (in x8 slot) 3 PCI-X 133/100 1 UIO (PCI-E 2.0 x8)
Quad set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Quad set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Quad set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Quad set of Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Quad set of Matrox G200eW graphics	Quad set of Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Quad set of Matrox G200eW graphics	Quad set of Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Quad set of Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) ATI® ES1000 32MB graphics controller
Quad set of IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	Quad set of IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	Quad set of IPMI 2.0 + KVM with dedicated LAN (6026TT-TF), Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN, Super Doctor® III, Watch Dog)
Quad set of 3 x 3.5" hot-swap drive bays	Quad set of 3 x 3.5" hot-swap drive bays	Quad set of 3 x 3.5" hot-swap drive bays	8 x 3.5" hot-swap drive bays
N/A	N/A	N/A	1 slim DVD-ROM drive 1 slim floppy drive
1200W high-efficiency Gold-level power supply w/PMBus	1200W high-efficiency Gold-level power supply w/PMBus	1200W high-efficiency Gold-level power supply w/PMBus	720W redundant high-efficiency Gold level power supply w/PMBus
Twin set of 2 x 8cm hot-swap cooling fans w/optimal fan speed control & air shroud	Twin set of 2 x 8cm hot-swap cooling fans w/optimal fan speed control & air shroud	Twin set of 2 x 8cm hot-swap cooling fans w/optimal fan speed control & air shroud	3 x 8cm hot-swap cooling fans w/optimal fan speed control & air shroud
2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")	2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")	2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")	2U Rackmount 437 x 89 x 648mm (17.2" x 3.4" x 25.5")



**QPI & DDR3
SAS RAID 5**



**QPI & DDR3
UIO**



QPI & DDR3



MODEL	SuperServer 6026T-3RF	SuperServer 6026T-URF	SuperServer 6026T-T
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual-Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual-Core Intel® Xeon® processor 5500 series (LGA1366)
Key Applications	High end enterprise server. SQL server, high performance computing cluster (HPCC)	High end enterprise server. SQL server, high performance computing cluster (HPCC)	High end enterprise server. SQL server, high performance computing cluster (HPCC)
Outstanding Features	• Eight SAS/SATA drive bays • 96GB DDR3 SDRAM • IPMI 2.0 + KVM with dedicated LAN • 720W high-efficiency Gold-level power	• Universal I/O (UIO) slot • Eight SAS/SATA drive bays • 96GB DDR3 SDRAM • IPMI 2.0 + KVM with dedicated LAN • 720W high-efficiency Gold-level power	• Six SATA drive bays • 96GB DDR3 SDRAM • 5 PCI-E slots • 650W high-efficiency power • Cost-effective 2U server
Chipset/ Serverboard	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER [®] X8DT3-F	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER [®] X8DTU-F	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER [®] X8DTE
System Memory (Max.)	96GB of DDR3 Reg. ECC 1333/1066/800 MHz SDRAM in 12 DIMMs	96GB of DDR3 Reg. ECC 1333/1066/800 MHz SDRAM in 12 DIMMs	96GB of DDR3 Reg. ECC 1333/1066/800 MHz SDRAM in 12 DIMMs
Expansion Slots	3 PCI-E 2.0 x8 (1 in x16 slot) 1 PCI-E x4 2 PCI	1 UIO 2 PCI-E 2.0 x8	4 PCI-E 2.0 x8 (2 in x16) 1 PCI-E x4 (in x8) 1 PCI
Onboard SATA RAID	LSI® 1068E 8-port 8 SAS controller Optional AOC-iButton68 (RAID 5) RAID 0, 1, 10 Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Onboard LAN/VGA	Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics
Manageability	IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, Super Doctor® III, Watch Dog	Super Doctor® III, Watch Dog
Drive Bays	8 x 3.5" hot-swap drive bays	8 x 3.5" hot-swap drive bays	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
Power Supply	Redundant 720W High-efficiency Gold level power supply w/PMBus	Redundant 720W High-efficiency Gold level power supply w/PMBus	650W high-efficiency power supply
Cooling System	3 x 8cm hot-swap cooling fans w/optimal fan speed control & air shroud	3 x 8cm hot-swap cooling fans w/optimal fan speed control & air shroud	4 x 8cm heavy-duty fans w/optimal fan speed control & air shroud
Form Factor	2U Rackmount 437 x 89 x 648mm (17.2" x 3.4" x 25.5")	2U Rackmount 437 x 89 x 648mm (17.2" x 3.4" x 25.5")	2U Rackmount 483 x 89 x 645mm (17.2" x 3.5" x 25.5")



SuperServer 6025W-NTR+V/ NTR+B	SuperServer 6025C-URV/URB	SuperServer 6025W-URV/URB	SuperServer 6025B-URV/URB
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering
• 6 SATA drive bays with SGPIO • PCI-E Gen 2.0 & PCI-X slots • 128GB FB-DIMM memory • 2 Gigabit Ethernet ports • 1 serial port & 2 USB 2.0 ports • IPMI 2.0 with virtual media over LAN & optiona; KVM-over-LAN • 700W redundant high-efficiency power supply	• 8 hot-swap drive bays • Universal I/O (UIO) slot • 48GB FB-DIMM memory • 2 PCI-E Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optiona KVM-over-LAN • 4 full-height & 3 low-profile • 700W redundant high-efficiency power supply	• 8 hot-swap drive bays • Universal I/O (UIO) slot • 64 GB FB-DIMM memory • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 4 full-height & 3 low-profile • 700W redundant high-efficiency power	• 8 hot-swap drive bays • Universal I/O (UIO) slot • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 4 full-height & 3 low-profile • 700W redundant high-efficiency power
Intel® 5400 chipset with 1.6GHz FSB/ SUPER● X7DWN+	Intel® 5100 chipset with 1.33GHz FSB/ SUPER● X7DCU	Intel® 5400 chipset with 1.6GHz FSB/ SUPER● X7DWU	Intel® 5000P chipset with 1.33GHz FSB/ SUPER● X7DBU
128 GB Fully-Buffered DIMM (FBD) DDRII 800/667 in 16 DIMM sockets 1.8V & 1.5V FB-DIMM support	48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
3 PCI-E x8 (2 in Gen 2.0) 1 PCI-E x4 2 PCI-X 133MHz 1 Universal I/O (UIO) slot (all are low-profile slots)	Right slot: 2 PCI-E x4 (low-profile) 1 PCI-X 133 (3.3V) Left slot: 1 Universal I/O (UIO) 3 PCI-E x8 (full-height/full-length)	Right slot (low-profile): 2 PCI-E x8 Gen 2.0 Left slot (full-height): 1 Universal I/O (UIO) slot via riser card 3 PCI-E x8 or 3 PCI-X 133 optional	Right slot (low-profile): 1 PCI-X 133 2 PCI-E x4 (in x8 slot) Left slot (full-height): 1 Universal I/O (UIO) slot via riser card 3 PCI-E x8 or 3 PCI-X 133 optional
Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10 optional UIO SAS controller cards	Intel® ICH9R for 6 SATA (3Gbps); RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller cards
Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82563 PCI-Express Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563 PCI-Express Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
SIMSO+ socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
8 x 3.5" hot-swap drive bays & 2 x 3.5" internal drive bays	8 x 3.5" hot-swap drive bays & 2 x 3.5" internal drive bays	8 x 3.5" hot-swap drive bays & 2 x 3.5" internal drive bays	8 x 3.5" hot-swap drive bays & 2 x 3.5" internal drive bays
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
Redundant high-efficiency 700W w/I°C power supply	Redundant high-efficiency 700W w/I°C power supply	Redundant high-efficiency 700W w/I°C power supply	Redundant high-efficiency 700W w/I°C power supply
3 x 8cm heavy-duty fans with optimal fan speed control & air shroud	3 x 8cm heavy-duty fans with optimal fan speed control & air shroud	3 x 8cm heavy-duty fans with optimal fan speed control & air shroud	3 x 8cm heavy-duty fans with optimal fan speed control & air shroud
2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 25.5")	2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 25.5")	2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 25.5")	2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 25.5")

16 FB-DIMM



16 FB-DIMM



MODEL	SuperServer 6025B-8R+V/8R+B	SuperServer 6025B-TR+V/TR+B	SuperServer 6025B-3V/3B
Processor Support	Quad-Core/Dual-Core Intel® Xeon® Processor 5400/5300/5200/5100/5000 series (LGA 771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5400/5300/5200/5100/5000 series (LGA 771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5400/5300/5200/5100/5000 series (LGA 771)
Key Applications	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering
Outstanding Features	• 8 2-channel SCA drive bays with SAF-TE • 6 PCI-X & PCI-Express • 64 GB FB-DIMM memory • 2 Gigabit Ethernet ports • 1 serial port & 2 USB 2.0 ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 700W redundant high-efficiency power	• 6 SATA drive bays with SGPIO • 6 PCI-X & PCI-Express • 64 GB FB-DIMM memory • 2 Gigabit Ethernet ports • 1 serial port & 2 USB 2.0 ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 700W redundant high-efficiency power	• 8 SAS/SATA drive bays with SES2 • 6 PCI-X & PCI-Express • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • 1 serial port & 2 USB 2.0 ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 560W high-efficiency power supply
Chipset/ Serverboard	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DB8+	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DBE+	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DB3
System Memory (Max.)	128 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets	128 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
Expansion Slots	2 PCI-E x8 1 PCI-E x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)	2 PCI-E x8 1 PCI-E x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)
Onboard SATA RAID	Adaptec® 7902W 2-channel Ultra320 SCSI Optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec® 9410W for 8 SAS/SATA Optional AOC-LPZCR3 (RAID 5) RAID 0, 1, 10 Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
Onboard LAN/VGA	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
Manageability	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
Drive Bays	8 x 3.5" dual-channel (4+4) hot-swap Ultra320 SCA drive bays w/SAF-TE & 1 x 3.5" drive bays	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays & 1 x 3.5" drive bay	8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 1 x 5.25" drive bay
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
Power Supply	700W redundant high-efficiency power supply w/TPC	700W redundant high-efficiency power supply w/TPC	560W high-efficiency power supply
Cooling System	3 x 8cm heavy-duty fans w/optimal fan speed control & air shroud	3 x 8cm heavy-duty fans w/optimal fan speed control & air shroud	3 x 8cm heavy-duty fans w/optimal fan speed control & air shroud
Form Factor	2U Rackmount 483 x 89 x 645mm (17.2" x 3.5" x 25.5")	2U Rackmount 483 x 89 x 645mm (17.2" x 3.5" x 25.5")	2U Rackmount 483 x 89 x 645mm (17.2" x 3.5" x 25.5")



SuperServer 6025B-3RV/3RB	SuperServer 6025B-8 SuperServer 6025B-8B	SuperServer 6025B-T SuperServer 6025B-TB	SuperServer 8025C-3RB
Quad-Core/Dual-Core Intel® Xeon® Processor 5400/5300/5200/5100/5000 series (LGA 771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5400/5300/5200/5100/5000 series (LGA 771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5400/5300/5200/5100/5000 series (LGA 771)	Six-Core/Quad-Core Intel® Xeon® MP Processor 7400/7300/7200 series
Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	High-end enterprise server, SQL server, high performance computing cluster (HPCC), high density server farm
8 SAS/SATA drive bays with SES2 • 6 PCI-X & PCI-Express • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • 1 serial port & 2 USB 2.0 ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 700W redundant high-efficiency power supply	• 6 SCA/SATA drive bays • 6 PCI-X & PCI-Express • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • ZCR support • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 550W power supply	• 6 SATA drive bays • 6 PCI-X & PCI-Express • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • ZCR support • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 550W power supply	• 16 processing cores in 2U • 6 SAS drive bays • PCI-E & PCI-X expansions • 192 GB FB-DIMM 667/533 SDRAM • 2 Gigabit Ethernet ports • IPMI 2.0 server management • 1200W high-efficiency redundant power
Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DB3	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DB8	Intel® 5000P chipset with 1.33GHz FSB/ SUPER [®] X7DB8	Intel® 7300 chipset with 1.06GHz FSB/ SUPER [®] X7QC3
32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	192 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 24 DIMM sockets
2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)	1 PCI-E x8 (using x16 slot) 1 PCI-E x8 1 PCI-E x4 (using x8 slot) 1 PCI-X 133MHz (all are low profile slots)
Adaptec® 9410W for 8 SAS/SATA Optional AOC-LPZCR3 (RAID 5) RAID 0, 1, 10 Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec® 7902W 2-channel U320 SCSI Optional AOC-LPZCR3 (RAID 5) RAID 0, 1, 10 Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	LSI® 1068E Dual Channel 8-port SAS controller AOC-iButton68 (RAID5) Intel® ESB2 for 6 SATA; RAID 0, 1, 5, 10
Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82575EB PCI-Express Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller
SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SSuper Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 1 x 5.25" drive bay	6 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE & 1 x 5.25" drive bay	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 1 x 5.25" drive bay	6 x 3.5" hot-swap SAS drive bays
1 slim DVD-ROM drive	1 slim DVD-ROM drive 1 floppy drive	1 slim DVD-ROM drive 1 floppy drive	1 slim DVD-ROM drive
700W redundant high-efficiency power supply w/PC	550W power supply	550W power supply	Redundant high-efficiency 1200W w/PC power supply
3 x 8cm heavy-duty fans w/optimal fan speed control & air shroud	4 x 8cm heavy duty fans w/optimal fan speed control & air shroud	4 x 8cm heavy duty fans w/optimal fan speed control & air shroud	6 x 8cm hot-swap fans w/optimal fan speed control and air shroud
2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 25.5")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 437 x 89 x 705mm (17.2" x 3.5" x 27.75")



MODEL	SuperServer 5026T-3F	SuperServer 5026T-T	SuperServer 5025B-URV/URB
Processor Support	Single Quad-Core/Dual-Core Intel® Core™ i7 and Xeon® 5500/3500 series (LGA 1366 socket)	Single Quad-Core/Dual-Core Intel® Core™ i7 and Xeon® 5500/3500 series (LGA 1366 socket)	*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)
Key Applications	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	NAS storage, file server, mail server, web server for small businesses & other server applications
Outstanding Features	• 6 SAS drive bays • PCI-Express & PCI slots • 24 GB DDR3 1333/1066/800 SDRAM • 2 Gigabit Ethernet ports • 400W high-efficiency power supply • IPMI 2.0 with dedicated LAN	• 6 SATA drive bays • PCI-Express & PCI slots • 24 GB DDR3 1333/1066/800 SDRAM • 2 Gigabit Ethernet ports • 400W high-efficiency power supply	• 8 hot-swap drive bays • Universal I/O (UIO) slot • 8 GB DDRIII 667 SDRAM • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 4 full-height
Chipset/ Serverboard	Intel® X58 chipset with QPI up to 6.4 GT/s SUPER●● X8ST3-F	Intel® X58 chipset with QPI up to 6.4 GT/s SUPER●● X8STE	Intel® X48 chipset with 1.6GHz FSB/ SUPER●● X7DBU
System Memory (Max.)	24 GB of Unb. ECC, non ECC DDRIII 1333/1066/800 SDRAM in 6 DIMM sockets	24 GB of Unb. ECC, non ECC DDRIII 1333/1066/800 SDRAM in 6 DIMM sockets	8 GB of Unb., non ECC DDRIII 1333/1066/800 SDRAM; up to non-ECC 1600 MHz in 4 DIMM sockets
Expansion Slots	3 PCI-E 2.0 x8 (in x16 slot) 1 PCI-E x4 (in x8 slot) 2 PCI	3 PCI-E 2.0 x8 (in x16 slot) 1 PCI-E x4 (in x8 slot) 2 PCI	Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 2 PCI-E x8 Gen 2.0
Onboard SATA RAID	LSI® 1068E 8-port SAS controller Optional AOC-iButton68 (RAID 5) RAID 0, 1, 10 Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller card
Onboard LAN/VGA	Dual LAN with Intel® 82574L Gigabit Ethernet controllers Integrated server quality graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller
Manageability	IPMI 2.0 with dedicated LAN Super Doctor® III, Watch Dog	Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
Drive Bays	6 x 3.5" hot-swap SAS drive bays	6 x 3.5" hot-swap SATA drive bays	8 x 3.5" hot-swap drive bays & 2 x 3.5" internal drive bays
Peripheral Bays	N/A	N/A	1 slim DVD-ROM drive
Power Supply	400W high-efficiency power supply	400W high-efficiency power supply	Redundant high-efficiency 700W w/I²C
Cooling System	4 x 8cm hot-swap redundant cooling fans	4 x 8cm hot-swap redundant cooling fans	3 x 8cm fans w/optimal fan speed control
Form Factor	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 483 x 89 x 645mm (17.2" x 3.5" x 25.5")



SuperServer 5025B-4/4B	SuperServer 5025B-T/TB	SuperServer 5025M-URV/URB	SuperServer 5025M-4+/i+ SuperServer 5025M-4+B/i+B
*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)	*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)	*Single Intel® Quad-Core Extreme QX6700 Xeon® 3200/3000 & Core 2 Duo processor E6000 & E4000 sequence (LGA775)	*Single Intel® Quad-Core Extreme QX6700 Xeon® 3200/3000 & Core 2 Duo processor E6000 & E4000 sequence (LGA775)
Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	NAS storage, file server, mail server, web server for small businesses & other server applications	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering
• 6 SCA drive bays • PCI-X & PCI-Express slots • 8 GB DDRII 800/667 SDRAM • 2 Gigabit Ethernet ports • SIMLC for management • 400W high-efficiency power supply	• 6 SCA drive bays • PCI-X & PCI-Express slots • 8 GB DDRII 800/667 SDRAM • 2 Gigabit Ethernet ports • SIMLC for management • 400W high-efficiency power supply	• 8 hot-swap drive bays • Universal I/O (UIO) slot • 8 GB DDRII 667 SDRAM • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 4 full-height	• 6 SCA/fixed drive bays • 4 PCI-X, 2 PCI-Express • 8 GB DDRII 677 SDRAM • 2 Gigabit Ethernet ports • SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 550W power supply
Intel® 3210 chipset with 1.33GHz FSB/ SUPER●® X7SB4	Intel® 3210 chipset with 1.33GHz FSB/ SUPER●® X7SBE	Intel® 3010 chipset with 1.06GHz FSB/ SUPER●® PDSMU	Intel® 3010 chipset with 1.06GHz FSB/ SUPER●® PDSM4+
8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets	8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets	8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets	8GB Dual-Channel Unb. ECC, non-ECC DDRII 677/533/400 SDRAM in 4 DIMM sockets
4 PCI-X 133/100MHz 1 PCI-E x8 1 PCI-E x4	4 PCI-X 133/100MHz 1 PCI-E x8 1 PCI-E x4	Left slot (full-height): 1 Universal I/O (UIO) slot via riser card 3 PCI-E x8 or 3 PCI-X 133 optional	2 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 1 PCI-E x4 1 PCI-E x8 (all are low-profile slots)
Adaptec® Ultra320 SCSI Optional AOC-LPZCR3 (RAID 5) RAID 0, 1, 10 Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller cards	Adaptec® Ultra320 SCSI Optional AOC-LPZCR3 (RAID 5) Intel® ICH7R for 4 SATA (3Gbps); RAID 0, 1, 5, 10
Dual LAN with Intel® 82573EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
6 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	6 x 3.5" hot-swap drive bays	8 x 3.5" hot-swap SATA drive bays & 2 x 3.5" drive bay	5025M-4+: 6 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay 5025M-i+: 2 fixed drive carriages support 4 SATA drives & 1 x 5.25" drive bay
1 floppy drive	1 slim DVD-ROM drive 1 floppy drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive 1 floppy drive
400W high-efficiency power supply	400W high-efficiency power supply	Redundant high-efficiency 700W w/I²C	550W power supply
4 x 8cm hot-swap redundant cooling fans	4 x 8cm hot-swap redundant cooling fans	3 x 8cm fans w/optimal fan speed control	4 x 8cm hot-swap redundant cooling fans
2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 25.5")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")

**QPI & DDR3
SAS RAID 5**



**100%
Cooling redundancy**



**100%
Cooling redundancy**



MODEL	SuperServer 6036T-3R	SuperServer 6035B-8R+V/8R+B	SuperServer 6035B-8R/8 SuperServer 6035B-8RB/8B
Processor Support	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® Processor 5400/5300/5200/5100/5000 series (LGA 771)	Quad-Core/Dual Core Intel® Xeon® Processor 5400/5300/5200/5100/5000 series (LGA 771)
Key Applications	Enterprise server, large database, e-business, internet, on-line transaction processing, business critical applications	Enterprise server, large database, e-business, internet, on-line transaction processing, business critical applications	Enterprise server, large database, e-business, internet, on-line transaction processing, business critical applications
Outstanding Features	• 100% cooling redundancy • 96GB DDR3 SDRAM • 2 Gigabit Ethernet ports • 800W redundant power	• 100% cooling redundancy • 16 2-CH (8+8) SCA drive bays w/SAF-TE • 6 PCI-X & PCI-Express • 64 GB FB-DIMM memory • 2 Gigabit Ethernet ports • SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • 800W high-efficiency redundant power supply	• 100% cooling redundancy • 8 2-CH (8+8) SCA drive bays w/SAF-TE • 6 PCI-X & PCI-Express • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) • Triple redundant 760W +380W power supply
Chipset/ Serverboard	Intel® 5520 chipset with QPI up to 6.4GT/s SUPERMICRO® X8DT3	Intel® 5000P chipset with 1.33GHz FSB/ SUPERMICRO® X7DB8+	Intel® 5000P chipset with 1.6GHz FSB/ SUPERMICRO® X7DB8
System Memory (Max.)	96GB of DDR3 Reg. ECC 1333/1066/800 MHz SDRAM in 12 DIMMs	64 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
Expansion Slots	3 PCI-E 2.0 x8 (1 in x16 slot) 1 PCI-E x4 2 PCI	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz
Onboard SATA RAID	LSI® 1068E 8-port SAS controller Optional AOC-iButton68 (RAID 5) RAID 0, 1, 10 Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Adaptec® 7902W 2-channel Ultra320 SCSI Optional AOC-iButton68 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec® 7902W 2-channel Ultra320 SCSI Optional AOC-iButton68 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
Onboard LAN/VGA/Audio	Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
Manageability	Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
Drive Bays	8 x 3.5" hot-swap drive bays	16 x 3.5" dual-channel (8+8) hot-swap Ultra320 SCA drive bays with SAF-TE	8 x 3.5" dual-channel (4+4) hot-swap Ultra320 SCA drive bays w/SAF-TE & 2 x 5.25" drive bays
Peripheral Bays	N/A	1 slim DVD-ROM drive	1 slim DVD-ROM drive 1 floppy drive
Power Supply	800W redundant high-efficiency power supply w/FC	800W redundant high-efficiency power supply w/FC	6035B-8R/8RB: Triple redundant (760W + 380W) power supply w/FC 6035B-8/8B: 550W power supply
Cooling System	5 x 8cm heavy duty fans w/optimal fan speed control & air shroud; 100% cooling redundancy	5 x 8cm heavy duty fans w/optimal fan speed control & air shroud; 100% cooling redundancy	4 x 9cm & 2 x 8cm hot-swap redundant cooling fans w/ optimal fan speed control & air shroud; 100% cooling redundancy
Form Factor	3U Rackmount 437 x 132 x 648mm (17.2" x 5.2" x 25.5")	3U Rackmount 437 x 132 x 648mm (17.2" x 5.2" x 25.5")	3U Rackmount 450 x 132 x 648mm (17.7" x 5.2" x 25.5")

QPI & DDR3
Whisper-Quiet



Whisper-Quiet 25dB



Whisper-Quiet



SLI Technology
QPI & DDR3
Whisper-Quiet



SuperWorkstation 5036T-TB	SuperServer 5035L-iB	SuperWorkstation 5035B-TB	SuperWorkstation 5046A-X
Single Quad-Core/Dual-Core Intel® Core™ i7 & Xeon® 5500/3500 Series (LGA 1366)	Single Intel® Core™ 2 Duo, Pentium 4 & Celeron (LGA775)	Single Intel® Core 2 Duo / Quad and Extreme processors (LGA 775)	Single Quad-Core/Dual-Core Intel® Core™ i7 & Xeon® 5500/3500 Series (LGA 1366)
Small business, high-end workstation, 2D/3D & CAD applications, gaming	SOHO, Small business, high-end workstation, 2D/3D & CAD applications, gaming	Small business, high-end workstation, 2D/3D & CAD applications, gaming	Small business, high-end workstation, 2D/3D & CAD applications, gaming
• 4 SATA hot-swap drive bays • Up to 24GB DDR3 memory • 2 PCI-Express x16 slots (Gen. 2.0) • Front side USB 2.0 ports (Up to 12 total) • Low-noise 465W high-efficiency power • Whipse-quiet 27dB	• 2 GB DDRII 667/533 SDRAM • 2 Gigabit Ethernet ports • 300W high-efficiency power supply • Tool-less chassis design • Whipse-quiet 25dB	• 4 SATA hot-swap drive bays • Up to 8GB DDR3 memory • 2 PCI-Express x16 slots (Gen. 2.0) • PCI-E Gigabit Ethernet port • Front side USB 2.0 ports (Up to 12 total) • Low-noise 465W high-efficiency power	• 6 SATA hot-swap drive bays • Up to 24GB DDR3 memory • 2 PCI-Express x16 slots (Gen. 2.0) • PCI-E Gigabit Ethernet port • Front side USB 2.0 ports (Up to 12 total) • Low-noise 865W high-efficiency power • Whipse-quiet 27dB • Rear Firewire 1394a headers • Supports nVidia® SLI™ and ATI® CrossFireX™ Technology
Intel® X58 chipset with QPI up to 6.4TG/s SUPER●® X8SAX	Intel® 945GC chipset with 800MHz FSB/ SUPER●® X7SLM-L	Intel® X38 chipset with 1.33GHz FSB/ SUPER●® C2SBX	Intel® X58 chipset with QPI up to 6.4TG/s SUPER●® C7X58
24 GB DDR3 ECC or non-ECC Unb. 1333/1066/800 SDRAM in 6 DIMM sockets	2 GB Unb. non ECC DDR2 667/533/400 SDRAM in 2 DIMM sockets	8 GB DDR3 Unb. ECC or non-ECC DDR3 1333/1066/800MHz in 4 DIMM sockets	24 GB DDR3 ECC or non-ECC Unb. 1333/1066/800 SDRAM in 6 DIMM sockets
2 PCI-Express x16 (Gen. 2.0) 1 PCI-E x4 (in x8 slot) 2 PCI-X 133/100MHz 1 PCI 33MHz	1 PCI-E x16 1 PCI-E x4 (in x8) 2 PCI	2 PCI-Express x16 (Gen. 2.0) 1 PCI-Express x1 2 PCI-X 133/100MHz 2 PCI 33MHz 1 Rear Firewire 1394 Port	2 PCI-Express x16 (Gen. 2.0) 1 PCI-E x4 (in x8 slot) 1 PCI 33MHz 1 Rear Firewire 1394a headers
Intel® ICH10R for 6 SATA2 (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Dual LAN with Intel® 82574L Gigabit Ethernet controller 7.1 Channel High Definition Audio Up to 12 USB connections 1 Rear Firewire 1394a headers Supports nVidia® SLI™ and ATI® CrossFireX™ Technology	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Dual Realtek RTL8111C Gigabit Ethernet controller Intel® GMA 950 Graphics	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 Intel® 82566 Gigabit Ethernet controller 7.1 Channel High Definition Audio Up to 12USB connectors	Intel® ICH10R for 6 SATA2 (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Dual LAN with Intel® 82574L Gigabit Ethernet controller Supports nVidia® SLI™ and ATI® CrossFireX™ Technology 7.1 Channel High Definition Audio Up to 12 USB connections
Super Doctor® III, Watch Dog	Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	Super Doctor® III, Watch Dog
4 x 3.5" hot-swap SATA drive bays	4 x 3.5" internal drive bays 2 x 5.25" external drive bays 90 degree rotating hard drive cage	4 x 3.5" hot-swap SATA drive bays	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays
N/A	1 slim DVD-ROM drive optional	N/A	N/A
Low-noise 465W high-efficiency power supply & 6-pin 12V power for high-end graphics card	300W high-efficiency power supply	Redundant high-efficiency 700W w/PC	Low-noise 865W high-efficiency power w/ 6-pin power for high-end graphics card
1 x 9.2cm front thermal cooling fan & 1 x 12cm exhaust fan (optional)	1 x 9.2cm front thermal cooling fan & 1 x 12cm exhaust fan (optional)	1 x 9.2cm front thermal fan	2 x 8cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fans, active heatsink w/ heatpipe & air shroud
Workstation 178 x 427 x 531mm (7" x 16.8" x 20.9")	Mid tower 362 x 184 x 425mm (14.25" x 7.25" x 16.75")	Mid tower 427 x 178 x 530mm (16.8" x 7" x 20.9")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")

Whisper-Quiet 25dB
QPI & DDR3



QPI & DDR3



QPI & DDR3
SAS RAID 5



MODEL	SuperWorkstation 7036A-T	SuperServer 7046T-NTR+	SuperServer 7046T-3R
Processor Support	Quad-Core/Dual Core Intel® Xeon® processor 5500 series (LGA1366)	Quad-Core/Dual Core Intel® Xeon® Processor 5500 series (LGA 1366)	Quad-Core/Dual Core Intel® Xeon® Processor 5500 series (LGA 1366)
Key Applications	Small business, high-end workstation, 2D/3D & CAD applications, gaming	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS	High-end workstation, business critical applications, front-end server, database applications, video server
Outstanding Features	• 4 SAS/SATA hot-swap drive bays • 48GB DDR3 SDRAM • Front side USB 2.0 ports • 665W high-efficiency power supply • 25dB sound level	• 100% cooling redundancy • 6 SATA drive bays • 144 GB DDR3 SDRAM • Universal I/O (UIO) support • IPMI 2.0 with virtual media over LAN optional KVM-over-LAN • 800W redundant high-efficiency power	• 8 SAS/SATA drive bays with SES2 • 96GB DDR3SDRAM • 2 Gigabit Ethernet ports • 800W low-noise, high-efficiency power
Chipset/ Serverboard	Intel® 5500 chipset with QPI up to 6.4GT/s SUPER [®] X8DAL-i	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER [®] X8DTN+	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER [®] X8DT3
System Memory (Max.)	48GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 6 DIMMs	144GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 18 DIMMs	96GB of Reg. ECC DDR3 1333/1066/800 MHz SDRAM in 12 DIMMs
Expansion Slots	1 PCI-E 2.0 x16 1 PCI-E 2.0 x4 (in x16 slot) 1 PCI-E x4 2 PCI	2 PCI-E 2.0 x8 (1 in x16 slot) 1 PCI-E x4 (in x8 slot) 3 PCI-X 133/100 MHz 1 UIO (PCI-E 2.0 x8)	3 PCI-E 2.0 x8 (1 in x16 slot) 1 PCI-E x4 2 PCI
Onboard SATA RAID	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 1068E 8-port 8 SAS controller Optional AOC-iButton68 (RAID 5) Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Onboard LAN/VGA/Audio	Dual LAN with Intel® 82574L Gigabit Ethernet controller (w/IOAT support) 7.1 HD Audio	Dual LAN with Intel® 82576 Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics
Manageability	Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	Super Doctor® III, Watch Dog
Drive Bays	4 x 3.5" hot-swap SAS/SATA drive bays (w/SGPIO), 2 x 5.25" drive bays drive bays	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays & 3 x 5.25" drive bays	8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 3 x 5.25" drive bays
Peripheral Bays	N/A	N/A	N/A
Power Supply	Low-noise 665W high-efficiency power supply 6-pin 12V power for high-end graphics card	800W redundant high-efficiency power supply w/FC	800W redundant high-efficiency power supply w/FC
Cooling System	1 x 12cm exhaust thermal fan & 1 x 9cm thermal cooling fan	5 x 8cm heavy duty fans w/optimal fan speed control & air shroud; 100% cooling redundancy	5 x 8cm heavy duty fans w/optimal fan speed control & air shroud; 100% cooling redundancy
Form Factor	Workstation 427 x 178 x 531mm (16.8" x 7" x 20.9")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")



SuperWorkstation 7046A-H+	SuperWorkstation 7046A-3	SuperWorkstation 7046A-T	SuperServer 7045W-NTR+ SuperServer 7045W-NTR+B
Quad-Core/Dual Core Intel® Xeon® Processor 5500 series (LGA 1366)	Quad-Core/Dual Core Intel® Xeon® Processor 5500 series (LGA 1366)	Quad-Core/Dual Core Intel® Xeon® Processor 5500 series (LGA 1366)	Quad-Core/Dual-Core Intel® Xeon® Processor 5400/5300LV/5200/5100LV series (LGA 771)
High-end workstation, business critical applications, front-end server, database applications, video server	High-end workstation, business critical applications, front-end server, database applications, video server	High-end workstation, business critical applications, front-end server, database applications, video server	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS
• 8 SATA drive bays • 144GB DDR3 SDRAM • 7 PCI-E slots • 2 Gigabit Ethernet ports • 1200W high-efficiency Gold-level power • 2 IEEE 1394a header + 7.1 HD Audio	• 8 SAS/SATA drive bays with SES2 • 96GB DDR3 SDRAM • 2 PCI-E 2.0 x16 slots • 2 Gigabit Ethernet ports • 865W low-noise, high-efficiency power • 2 IEEE 1394a header + 7.1 HD Audio	• 6 SATA drive bays • 96GB DDR3 SDRAM • 2 PCI-E 2.0 x16 slots • 2 Gigabit Ethernet ports • 865W low-noise, high-efficiency power • 2 IEEE 1394a header + 7.1 HD Audio	• 100% cooling redundancy • 6 SATA drive bays • PCI-E Gen. 2.0 • 128 GB FB-DIMM memory • Universal I/O (UIO) support • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 800W redundant high-efficiency power
Dual Intel® 5520 chipset with QPI up to 6.4GT/s SUPER● X8DAH+	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER● X8DA3	Intel® 5520 chipset with QPI up to 6.4GT/s SUPER● X8DAi	Intel® 5400 chipset with 1.6MHz FSB/ SUPER● X7DWN+
144GB of Reg. ECC DDRIII 1333/1066/800 MHz SDRAM in 18 DIMMs	96GB of Reg. ECC DDRIII 1333/1066/800 MHz SDRAM in 12 DIMMs	96GB of Reg. ECC DDRIII 1333/1066/800 MHz SDRAM in 12 DIMMs	128 GB Fully-Buffered DIMM (FBD) DDRII 800/667 in 16 DIMM sockets 1.5V & 1.8V FB-DIMM support
2 PCI-E 2.0 x16 4 PCI-E 2.0 x8 (1 in x16 slot) 1 PCI-E x4	2 PCI-E 2.0 x16 1 PCI-E x4 (in x8 slot) 3 PCI	2 PCI-E 2.0 x16 1 PCI-E x4 (in x8 slot) 3 PCI	3 PCI-E x8 (2 with Gen. 2.0) 1 PCI-E x4 2 PCI-X 133 MHz Universal I/O slot
Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 1068E 8-port 8 SAS controller Optional AOC-iButton68 (RAID 5) RAID 0, 1, 10 Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10
Dual LAN with Intel® 82576 Gigabit Ethernet controller (w/IOAT support) Matrox G200eW graphics 2 IEEE 1394a header + 7.1 HD Audio	Dual LAN with Intel® 82573V/L Gigabit Ethernet controller (w/IOAT support) 2 IEEE 1394a header + 7.1 HD Audio	Dual LAN with Intel® 82573V/L Gigabit Ethernet controller (w/IOAT support) 2 IEEE 1394a header + 7.1 HD Audio	Dual LAN with Intel® 82575 Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller
Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays	8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 2 x 5.25" drive bays	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays
N/A	N/A	N/A	1 floppy drive
1200W redundant high-efficiency Gold-level power supply w/PMBus & w/6-pin power for high-end graphics cards	Low-noise 865W high-efficiency power w/6-pin power for high-end graphics cards	Low-noise 865W high-efficiency power w/6-pin power for high-end graphics cards	Low-noise 865W high-efficiency power w/ 6-pin power for high-end graphics card
5 x 8cm heavy duty fans w/optimal fan speed control & air shroud; 100% cooling redundancy	2 x 8cm & 1 x 9cm 4-pin PWM fans	2 x 8cm & 1 x 9cm 4-pin PWM fans	5 x 8cm heavy duty fans w/optimal fan speed control & air shroud; 100% cooling redundancy
4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 452 x 178 x 648mm (17.8" x 7" x 25.5")	4U Rackmount/Tower 452 x 178 x 648mm (17.8" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")



MODEL	SuperServer 7045B-8R+/TR+ SuperServer 7045B-8R+B/TR+B	SuperServer 7045B-3/T SuperServer 7045B-3B/TB	SuperWorkstation 7045A-C3B SuperWorkstation 7045A-CTB
Processor Support	Quad-Core/Dual-Core Intel® Xeon® Processor 5400/5300/5200/5100/5000 series (LGA 771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5400/5300/5200/5100/5000 series (LGA 771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5400/5300/5200/5100 series (LGA 771)
Key Applications	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS	High-end workstation, business critical applications, front-end server, database applications, video server
Outstanding Features	• 100% cooling redundancy • 6 PCI-X & PCI-Express • 64 GB FB-DIMM memory • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 800W redundant high-efficiency power	• 100% cooling redundancy • 6 SATA drive bays with SGPIO • 6 PCI-X & PCI-Express • 32 GB FB-DIMM memory • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • 650W power supply	• 8 SAS/SATA drive bays w/SES2 • 6 SATA drive bays w/SGPIO • PCI-Express x16 • 48 GB DDRII 667 SDRAM • 2 Gigabit Ethernet ports • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • Low-noise 865W high-efficiency power
Chipset/ Serverboard	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DB8+/X7DBE+	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DB3/X7DBE	Intel® 5100 chipset with 1.33GHz FSB/ SUPER® X7DCA-3/X7DCA-i
System Memory (Max.)	64 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	48GB Dual-Channel ECC Reg. DDRII 667/533 SDRAM in 6 DIMM sockets
Expansion Slots	2 PCI-E x8 1 PCI-E x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	2 PCI-E x8 1 PCI-E x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	1 PCI-E x16 1 PCI-E x4 (using x16 slot) 2 64-bit PCI-X 133/100MHz 2 PCI 33
Onboard SATA RAID	Adaptec® 7902W 2-CH U320 (7045B-8+ only) Optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec® 9410W for 8 SAS/SATA (7045B-3 only) Optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	LSI® 1068E for SAS/SATA (7045A-C3 only) Optional AOC-iButton68 (RAID 5) RAID 0, 1, 10 Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10
Onboard LAN/VGA/Audio	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573V/L Gigabit Ethernet controller High definition 7.1 channel sound
Manageability	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog
Drive Bays	7045B-8R+: 8 x 3.5" hot-swap U320 SCA drive bays with SAF-TE & 2 x 5.25" drive bays 7045B-TR+: 6 x 3.5" hot-swap SATA drive bays with SGPIO & 2 x 5.25" drive bays	7045B-3: 8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 2 x 5.25" drive bays 7045B-T: 6 x 3.5" hot-swap SATA drive bays with SGPIO & 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays	7045A-C3: 8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 2 x 5.25" drive bays 7045A-CT: 6 x 3.5" hot-swap SATA drive bays with SGPIO & 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays
Peripheral Bays	1 floppy drive	1 floppy drive	1 floppy drive
Power Supply	800W redundant high-efficiency power supply w/FC	650W power supply with redundant cooling fan	Low-noise 865W high-efficiency power w/ 6-pin power for high-end graphics card
Cooling System	5 x 8cm heavy duty fans w/optimal fan speed control & air shroud; 100% cooling redundancy	6 x 8cm hot-swap cooling fans w/ optimal fan speed control & air shroud; 100% cooling redundancy	2 x 8cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fans, 2x active heatsink w/ heatpipe & air shroud
Form Factor	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")

Whisper-Quiet 28dB**Six-Core Xeon MP**

SuperWorkstation 7045A-WT/WTB	SuperWorkstation 7045A-3/3B	SuperWorkstation 7045A-8/T SuperWorkstation 7045A-8B/TB	SuperServer 8045C-3RB
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/ 5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5400/5300/5200/5100/5000 sequence	Quad-Core/Dual-Core Intel® Xeon® Processor 5400/5300/5200/5100/5000 sequence	Six-Core/Quad-Core Intel® Xeon® MP Processor 7400/7300/7200 series
High-end workstation, business critical applications, front-end server, database applications, video server	High-end workstation, business critical applications, front-end server, database applications, video server	High-end workstation, business critical applications, front-end server, database applications, video server	High-end enterprise server, SQL server, high performance computing cluster (HPCC), high density server farm
• 6 SATA drive bays w/SGPIO • 6 PCI-X & PCI-Express (Gen. 2.0) • 64 GB FB-DIMM memory • 2 Gigabit Ethernet ports • Universal I/O (UIO) support • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • Low-noise 865W high-efficiency power	• 8 SAS/SATA drive bays w/SES2 • 6 PCI-X & PCI-Express • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • ZCR support • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • Low-noise 645W w/fan speed control	• 8 SCA drive bays • 6 SATA drive bays w/SGPIO • 6 PCI-X & PCI-Express • 32 GB FB-DIMM memory • 2 Gigabit Ethernet ports • ZCR support • IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN • Low-noise 645W w/fan speed control	• 24 processing cores • 5 SAS drive bays • PCI-Express & PCI-X expansions • 192 GB FB-DIMM 667/533 SDRAM • 2 Gigabit Ethernet ports • IPMI 2.0 server management • 1200W high-efficiency redundant power
Intel® 5400 chipset with 1.6GHz FSB/ SUPER● X7DWA-N	Intel® 5000X chipset with 1.33GHz FSB/ SUPER● X7DA3	Intel® 5000X chipset with 1.33GHz FSB/ SUPER● X7DA8/X7DAE	Intel® 7300 chipset with 1.06GHz FSB/ SUPER● X7QC3
64GB Fully-Buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM support	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	192 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 24 DIMM sockets
2 PCI-E x16 Gen. 2.0 2 PCI-X 133 MHz 2 PCI 33 MHz Universal I/O slot	1 PCI-E x16 1 PCI-E x4 (in x16 slot) 2 PCI-X 133 MHz 1 PCI-X 100 MHz 1 PCI 33 MHz	1 PCI-E x16 1 PCI-E x4 (in x16 slot) 2 PCI-X 133 MHz 1 PCI-X 100 MHz 1 PCI 33 MHz	1 PCI-E x8 (using x16 slot) 1 PCI-E x8 1 PCI-E x4 (using x8 slot) 1 PCI-X 133MHz
Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Adaptec® 9410 for 8 SAS/SATA ports Optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec® 7902W 2-ch U320 (7045A-8 only) Optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	LSI® 1068e 2-CH 8-port SAS controller Optional AOC-iButton68 (RAID 5) Intel® ESB2 for 6 SATA; RAID 0, 1, 5, 10
Dual LAN with Intel® 82575 Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual LAN with Intel® 82563EB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller
SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Super Doctor®, Watch Dog
6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays 2 x 5.25" drive bays	8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 2 x 5.25" drive bays	7045A-8: 8 x 3.5" hot-swap U320 SCSI SCA drive bays w/SAF-TE & 2 x 5.25" 7045A-T: 6 x 3.5" hot-swap SATA drive bays with SGPIO & 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays	5 x 3.5" hot-swap SAS drive bays with SES2
1 floppy drive	1 floppy drive	1 floppy drive	90-degree rotatable module: 2 USB 2.0 ports & 2 x 5.25" drive bays, 1 floppy drive & 6 LED indicators
Low-noise 865W high-efficiency power w/ 6-pin power for high-end graphics card	645W w/low-noise fan speed control	645W w/low-noise fan speed control	1200W redundant high-efficiency power supply w/TC
4 x 8cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fans & air shroud	4 x 8cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fans & air shroud	4 x 8cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fans & air shroud	3 x 8cm hot-swap cooling fans & 3 x 8cm exhaust fans with optimal fan speed control & air shroud
4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 452 x 178 x 746mm (17.8" x 7" x 29.4")

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