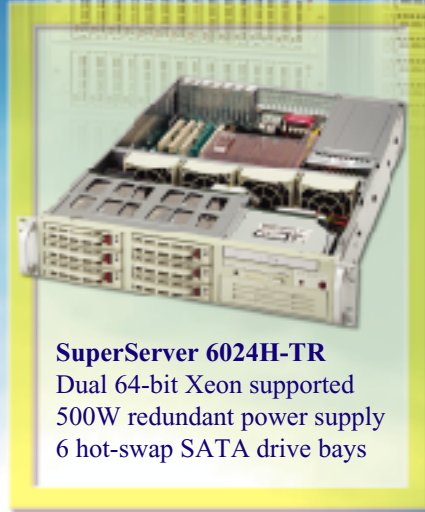# SUPERMICRO®

Mission Critical Server Solutions

Featuring **64-bit** Xeon

SuperServer 6014P-82R
560W redundant power supply
4 hot-swap SCA drive bays
Universal PCI-X & PCI-Express

SuperServer 6024H-TR
Dual 64-bit Xeon supported
500W redundant power supply
6 hot-swap SATA drive bays

SuperServer 7044H-TR
100% cooling redundancy
760W triple redundant power
90° rotatable drive bays

SuperServers are Your Best Choice!

Focusing on superior product design and uncompromising quality control, Supermicro has been offering products of outstanding performance since its founding in 1993. Facilitated by strong research and development at its Silicon Valley Headquarters, Supermicro has successfully assumed a leadership role through its close partnerships with technology leaders like Intel and Adaptec. Its excellent track record has earned Supermicro a reputation as a true leader in the high-end server/workstation industry.

Supermicro is committed to being first in delivering the newest technology to the market and has proven so once again by engineering the industry's most extensive line of dual 64-bit Xeon servers in 1U, 2U, 3U and 4U rackmountable/tower configurations. These new servers feature the very latest technologies including 800MHz, PCI Express, and DDR2 memory support. Supermicro strives to build long-term relationships with customers by providing them with the most outstanding product line in the industry, ranging from single Pentium 4 and dual Xeon to quad Xeon MP systems.

Pooling the technical expertise and experience of a gifted team of engineers, Supermicro has designed and optimized a comprehensive line of state-of-the-art rackmount/tower server solutions that not only offer redundant and hot-swappable storage and power supply capabilities, but also offer 100% cooling redundancy. Our products have undergone rigorous environmental, computational, and compatibility testing to expose any possible problems that might go undetected under normal operating conditions. These efforts maximize system performance while virtually eliminating system downtime, resulting in a reduced total cost of ownership. Moreover, system safety and operating system certifications minimize product development cost and time to market for our customers.

The wide range of technologies and features incorporated into Supermicro's impressive line of servers promise a perfect match for all types of applications. Their proven high level of quality and performance has made them the platform of choice for supercomputer clustering and enterprise databases as well as business-critical, front-end server applications. With the most extensive line of high quality, leading-performance server and motherboard solutions in the industry, Supermicro clearly remains your best choice. Visit us online at www.supermicro.com or call (408) 503-8000 to speak with a Supermicro sales representative today.

Dual redundant power supply with 1 Universal PCI-X/PCI-Express
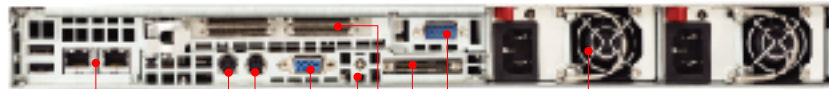Single cold-swap power supply with 2 Universal PCI-X/PCI-Express

Dual 64-bit Xeon processors up to 3.60GHz
Redundant air flow w/optimized heatsink design for system reliability

Up to 16 GB DDRII 400 SDRAM

1U IPMI 2.0 slot w/3rd LAN optional

5 x 4cm high performace double-blade fans

1 Slim DVD-ROM drive

1 Slim floppy drive

4 x 1" hot-swap Ultra 320 SCA drive bays (SAF-TE compliant)

UID (Unit Identifier)

Power switch and 5 LED indicators

Dual Gigabit LAN ports
Keyboard, mouse & VGA ports
UID (Unit Identifier)
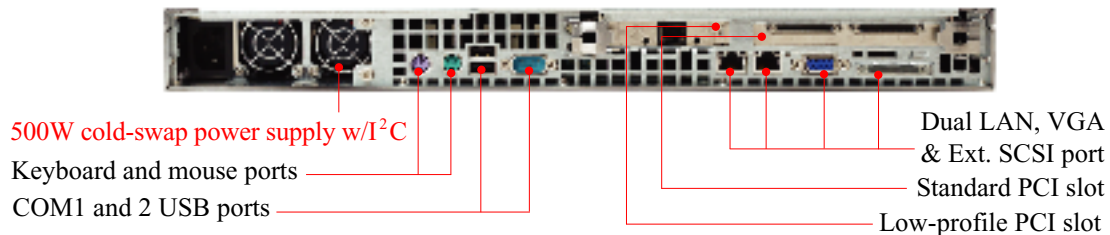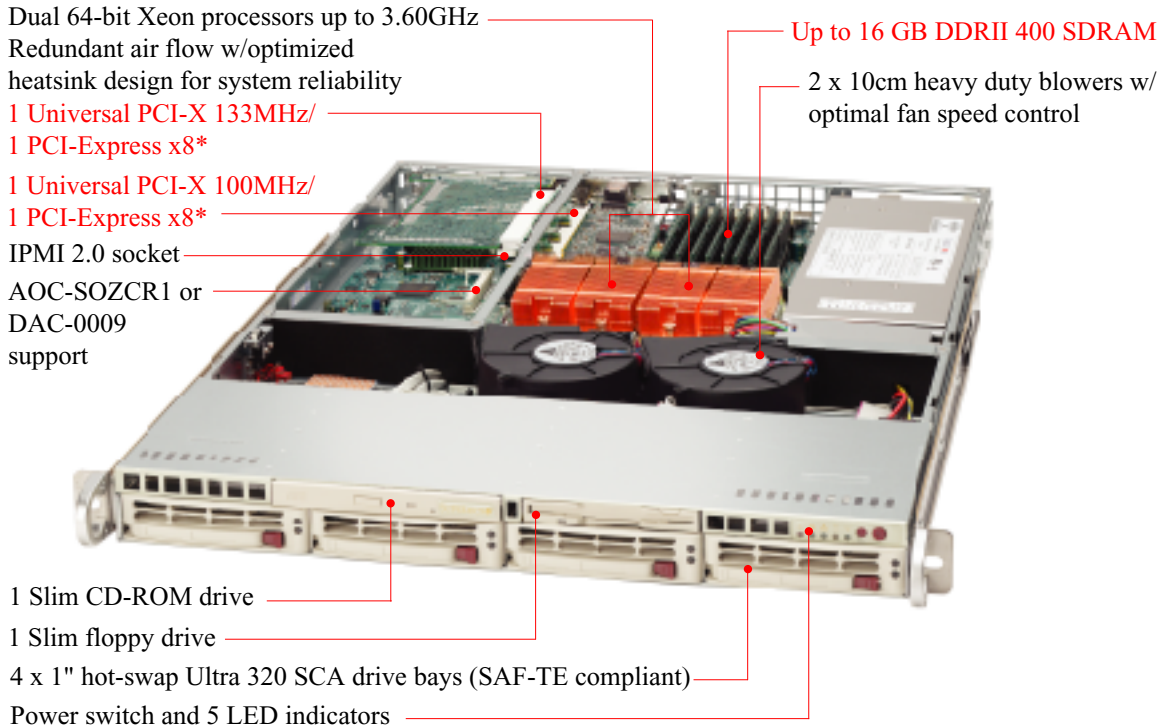Full-height & full-length expansion slot

560W redundant hot-swap power supply with I^2C

Serial port
Ext. SCSI port

SuperServer 6014P-82R

The SuperServer 6014P-82R features an unbeatable design which combines 560-watt redundant, hot-swappable power supplies and a full height, full-length universal (PCI-X 133/100MHz or PCI-Express x8) expansion slot into a 1U form factor. For those who do not need redundant power, this server provides the flexibility to remove one power supply and then support two full height, full-length universal expansion slots for PCI-X 133/100 or PCI-Express x8. Optimized for high-performance, business critical server applications, the SuperServer 6014P-82R supports 800MHz FSB 64-bit Xeon processors, up to 16GB of ECC Reg. DDRII memory modules, four Ultra320 SCSI disks with optional ZCR RAID 0, 1, 5, 10 configurations, dual Gigabit connectivity and optional IPMI 2.0 remote management with 3rd LAN support.

1U Universal PCI-X or PCI-Express
DP Xeon High-Availability Server

Dual 64-bit Xeon processors up to 3.60GHz
Redundant air flow w/optimized
heatsink design for system reliability

1 Universal PCI-X 133MHz/
1 PCI-Express x8*

1 Universal PCI-X 100MHz/
1 PCI-Express x8*

IPMI 2.0 socket

AOC-SOZCR1 or
DAC-0009
support

Up to 16 GB DDRII 400 SDRAM

2 x 10cm heavy duty blowers w/
optimal fan speed control

1 Slim CD-ROM drive

1 Slim floppy drive

4 x 1" hot-swap Ultra 320 SCA drive bays (SAF-TE compliant)

Power switch and 5 LED indicators

500W cold-swap power supply w/I^{2}C

Keyboard and mouse ports

COM1 and 2 USB ports

Dual LAN, VGA
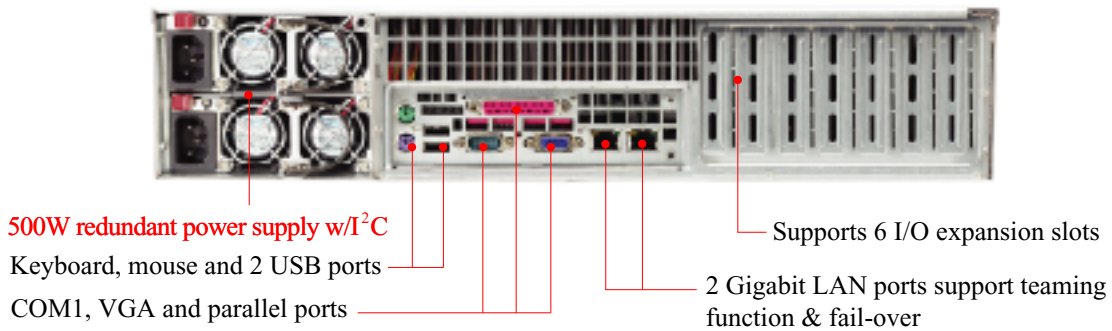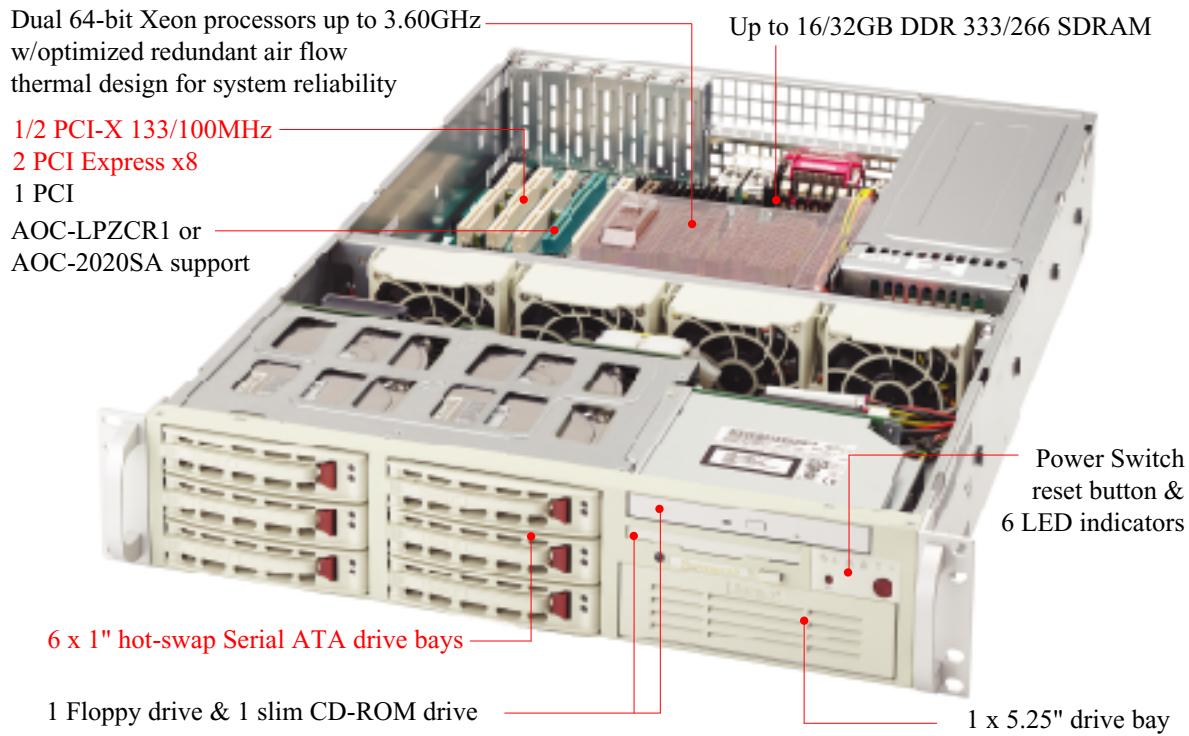& Ext. SCSI port

Standard PCI slot

Low-profile PCI slot

SuperServer 6014H-82

The SuperServer 6014H-82 is a high-performance server designed for server clustering and business critical applications. It features a pair of universal expansion slots that can be utilized for either PCI-X-133/100 or the latest PCI-Express x8 cards to provide outstanding I/O flexibility. Powered by the X6DHR-8G2 serverboard and based on the Intel E7520 chipset, the SuperServer 6014H-82 supports dual Xeon processors of up to 3.60 GHz with an 800MHz Front Side Bus and Intel 64-bit Xeon. Other impressive features include four hot-swap Ultra320 SCSI drive bays (with optional ZCR), eight DDR2 DIMM sockets, dual gigabit Ethernet ports and IPMI 2.0 management to provide the user with high performance and manageability. To ensure sufficient power, the SuperServer 6014H-82 packs a 500-watt cold-swap system power supply with built-in I^{2}C for enhanced management locally or remotely.

* Optional PCI-Express riser card

3

2U SATA Performance System
DP Xeon High-Availability Server

Dual 64-bit Xeon processors up to 3.60GHz w/optimized redundant air flow thermal design for system reliability

Up to 16/32GB DDR 333/266 SDRAM

1/2 PCI-X 133/100MHz
2 PCI Express x8
1 PCI
AOC-LPZCR1 or
AOC-2020SA support

Power Switch reset button & 6 LED indicators

6 x 1" hot-swap Serial ATA drive bays

1 Floppy drive & 1 slim CD-ROM drive

1 x 5.25" drive bay

500W redundant power supply w/I^{2}C

Keyboard, mouse and 2 USB ports

COM1, VGA and parallel ports

Supports 6 I/O expansion slots

2 Gigabit LAN ports support teaming function & fail-over

SuperServer 6024H-TR

The SuperServer 6024H-TR is a high performance server optimized in a compact 2U form factor. This expertly designed system leverages exceptional thermal control architecture to provide abundant cooling power for two 64-bit Xeon processors up to 3.60GHz. Maximizing on performance, reliability and cost-effectiveness, it features up to 32GB DDR memory capacity, a 500-watt redundant power supply with I^{2}C support, and up to six hot-swappable SATA drives. Sophisticated management options such as IPMI 2.0 and Super Doctor III are included to ensure that the SuperServer 6024H-TR is easy to configure, deploy and manage on a day-to-day basis to guarantee continual performance and maximum data availability. The SuperServer 6024H-TR is optimized for business critical applications such as database, internet server, web hosting, as well as the I/O nodes for HPC cluster environments.

4U Rackmount/Tower perfectly convertible DP Xeon Server with complete features

SuperServer 7044H-82R shown

100% cooling redundancy
4 x 8cm hot-swap cooling fans &
2 x 8cm hot-swap exhaust fan &
air shroud

Rackmountable

90° rotatable module
includes 2 USB 2.0 ports
3 x 5.25" drive bays &
floppy drive

6 LED indicators &
2 USB 2.0 ports

760W Triple-redundant
power supply w/I^2C
for remote management

Up to 16GB DDRII
400 SDRAM

3/2 PCI-X 133/100MHz
1 PCI Express x8

Tool-less PCI/PCI-X
expansion slots

AOC-LPZCR1 or
DAC-0008 support

Adaptec dual-channel
Ultra320 SCSI

ATI 8MB PCI graphics controller

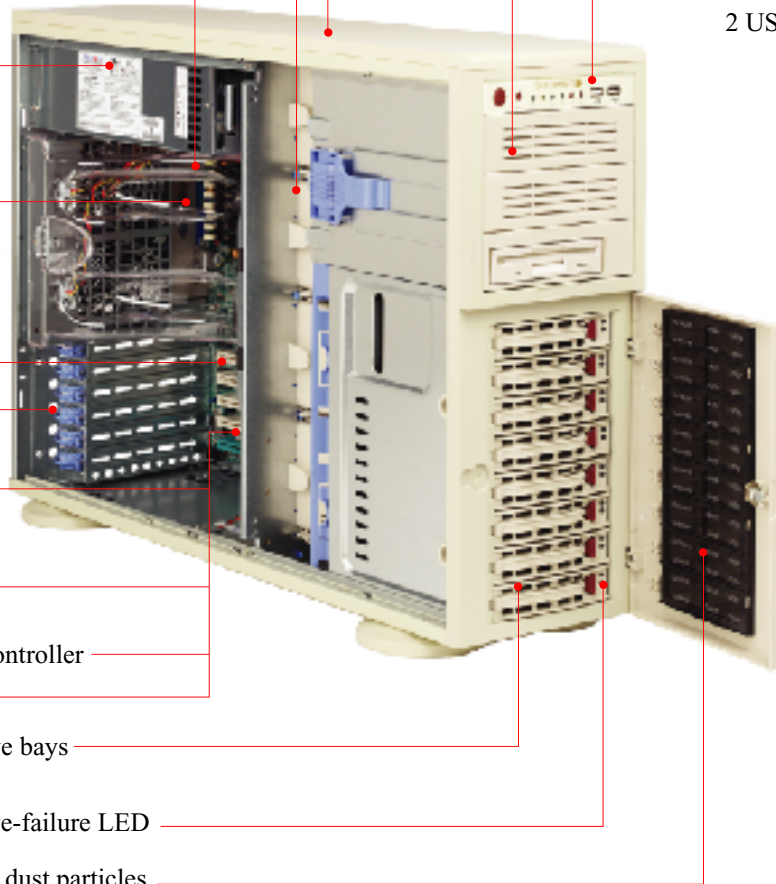IPMI 2.0 socket

8 x 1" hot-swap SCA drive bays
(SAF-TE compliant)

HDD activity LED & drive-failure LED

Washable air filter blocks dust particles
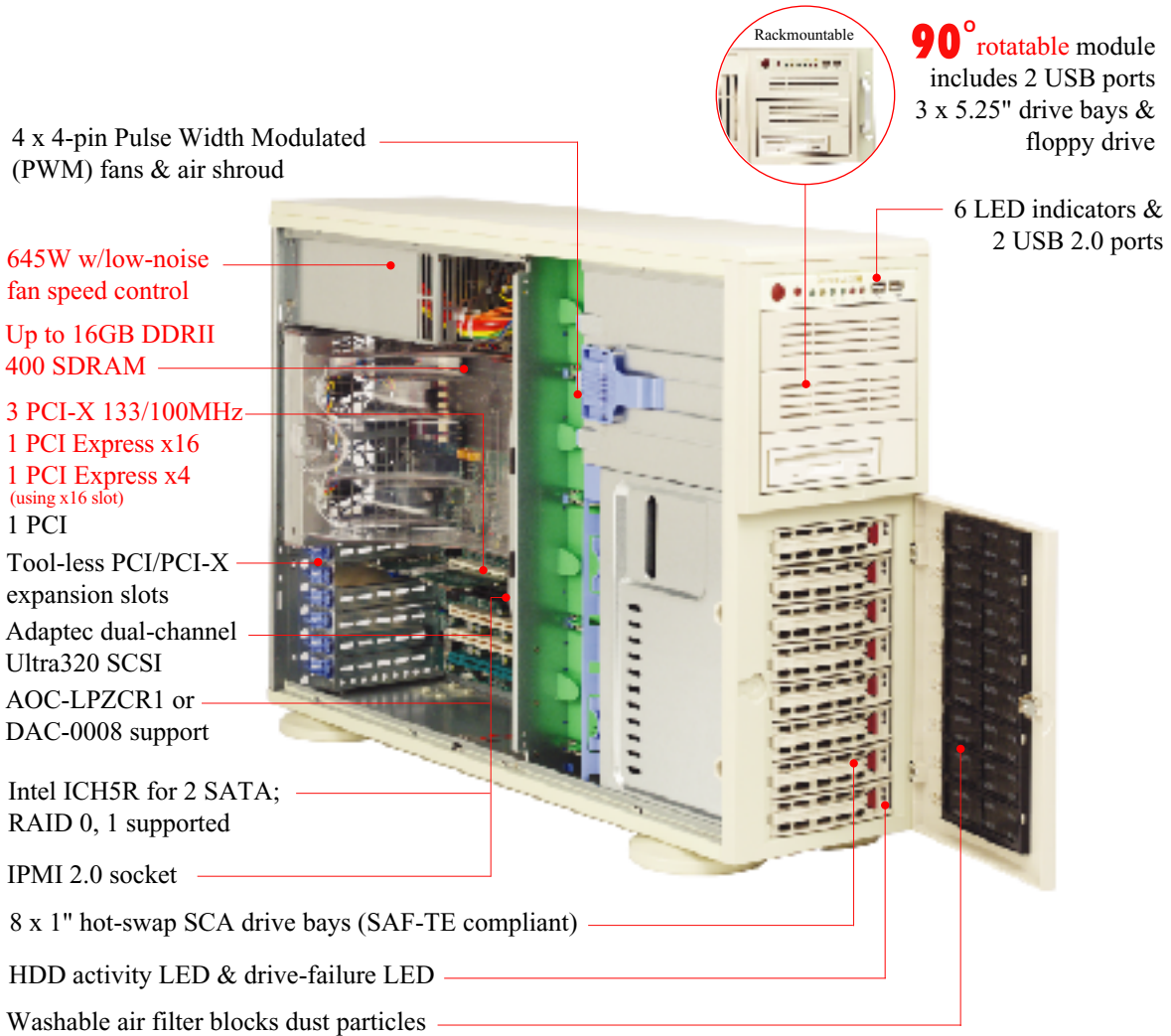
SuperServer 7044H-82R/TR

The SuperServer 7044H-82R/TR, powered by the latest 64-bit Xeon processors with E7520 chipset, is a highly versatile system capable of high performance in either a tower or rackmount environment. Supporting up to eight high-performance Ultra320 SCSI drives or cost-effective SATA drives, the 7044H-82R/TR provides exceptional storage in a slim 4U space. Designed with 100% cooling redundancy via combinations of high-performance fans and air-shroud, it greatly reduces the probability of downtime or performance reduction. The SuperServer 7044H-82R/TR is also easy to maintain, thanks to its potent triple-redundant 760W power supplies, hot-plug fans, and hot-swappable drive bays. Impressively featured and easily maintained, the SuperServer 7044H-82R/TR is optimized for business-critical applications such as databases, corporate networking, email, and web servers.

4U *Dual PCI Express x16 enabled*
High-end E7525 Workstation/Server

Rackmountable

90° rotatable module includes 2 USB ports 3 x 5.25" drive bays & floppy drive

4 x 4-pin Pulse Width Modulated (PWM) fans & air shroud

6 LED indicators & 2 USB 2.0 ports

645W w/low-noise fan speed control

Up to 16GB DDRII 400 SDRAM

3 PCI-X 133/100MHz
1 PCI Express x16
1 PCI Express x4
(using x16 slot)
1 PCI

Tool-less PCI/PCI-X expansion slots

Adaptec dual-channel Ultra320 SCSI

AOC-LPZCR1 or DAC-0008 support

Intel ICH5R for 2 SATA; RAID 0, 1 supported

IPMI 2.0 socket

8 x 1" hot-swap SCA drive bays (SAF-TE compliant)

HDD activity LED & drive-failure LED

Washable air filter blocks dust particles

SuperWorkstation 7044A-82

Powered by the Intel©E7525 chipset, the SuperServer 7044A-82 supports the newest dual 64-bit Xeon processors up to 3.60 GHz. It also leverages the 800MHz system bus to maximize data throughput via DDR2 memory technology. Optimized for office environments, this feature-packed workstation redefines the meaning of quiet workstation. When "SuperQuiet" mode is enabled, its noise level may be as low as 38dB. This workstation also supports the new Nvidia Scalable Link Interface (SLI) technology that takes advantage of dual PCI-Express x16 graphics bandwidth for amazing graphics output. Dual gigabit Ethernet and IPMI 2.0 provide scalable, high-bandwidth networking and advanced system management, while the 645-watt power supply provides plenty of power for even the most demanding applications. The versatile SuperServer 7044A-82 is an excellent video server or high-end workstation choice that is suitable for a wide range of business-critical applications.

560W Redundant *power supply*

560W cold-swap *power supply*

560W Redundant *power supply*

SUPERMICR⦿®
Server
Solutions

	SuperServer 6014P-82R	SuperServer 6014P-82	SuperServer 6014P-8R
PROCESSOR SUPPORT	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB
KEY APPLICATIONS	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
OUTSTANDING FEATURES	4 SCA drive bays Universal PCI-X or PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported 1U IPMI 2.0 slot w/3rd LAN supported 560W redundant power supply	4 SCA drive bays Universal PCI-X / PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported 1U IPMI 2.0 slot w/3rd LAN supported 560W cold-swap power supply	4 SCA drive bays Universal PCI-X or PCI-Express 12/24 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket 560W redundant power supply
CHIPSET/SERVERBOARD ™	Intel® E7520/ SUPER⦿° X6DHP-8G2	Intel® E7520/ SUPER⦿° X6DHP-8G2	Intel® E7520/ SUPER⦿° X6DHP-8G
SYSTEM MEMORY (Max.)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	12/24 GB ECC Reg. DDR333/266 SDRAM in 6 DIMM sockets (2-way interleaved memory)
EXPANSION SLOTS	1 Universal PCI-X 133MHz (full-length) or 1 PCI-Express x8	1 Universal PCI-X 133 MHz(full-length)/ 1 PCI-Express x8 1 Universal PCI-X 100 MHz(full-length)/ 1 PCI-Express x8	1 Universal PCI-X 133MHz (full-length) or 1 PCI-Express x8
ONBOARD SCSI/SATA/IDE/ SATA RAID	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-LPZCR1 or DAC-0008	AOC-LPZCR1 or DAC-0008	AOC-LPZCR1 or DAC-0008
ONBOARD LAN/VGA	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI Rage XL 8MB PCI graphics controller
MANAGEABILITY	1U IPMI 2.0 slot w/ optional 3rd LAN port SUPER⦿° Doctor III, Watch Dog	1U IPMI 2.0 slot w/ optional 3rd LAN port SUPER⦿° Doctor III, Watch Dog	IPMI 2.0 socket, SUPER⦿° Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	1.2 TB	1.2 TB	1.2 TB
DRIVE BAYS	4 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant)	4 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant)	4 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant)
PERIPHERAL BAYS	1 slim DVD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive
POWER SUPPLY	560W redundant hot-swap w/I^{2}C built-in	560W cold-swap w/I^{2}C built-in	560W redundant hot-swap w/I^{2}C built-in
COOLING SYSTEM	5 x 4cm heavy duty counter-rotating fans w/ optimal fan speed control	5 x 4cm heavy duty counter-rotating fans w/ optimal fan speed control	5 x 4cm heavy duty counter-rotating fans w/ optimal fan speed control
FORM FACTOR	1U Rackmount 437 x 43 x 681mm (17.2" x 1.7" x 26.8")	1U Rackmount 437 x 43 x 681mm (17.2" x 1.7" x 26.8")	1U Rackmount 437 x 43 x 681mm (17.2" x 1.7" x 26.8")

SuperServer 6014P-8	SuperServer 6014P-TR	SuperServer 6014P-T	SuperServer 6014H-T
Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB
High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
4 SCA drive bays Universal PCI-X/PCI-Express 12/24 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket 560W cold-swap power supply	4 SATA drive bays Universal PCI-X/PCI-Express 12/24 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported 1U IPMI 2.0 slot w/3rd LAN supported 560W hot-swap power supply	4 SATA drive bays Universal PCI-X/PCI-Express 12/24 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported 1U IPMI 2.0 slot w/3rd LAN supported 560W cold-swap power supply	4 SATA drive bays Universal PCI-X/PCI-Express 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket 500W cold-swap power supply
Intel® E7520/ SUPER● X6DHP-8G	Intel® E7520/ SUPER● X6DHP-TG	Intel® E7520/ SUPER● X6DHP-TG	Intel® E7520/ SUPER● X6DHR-TG
12/24 GB ECC Reg. DDR333/266 SDRAM in 6 DIMM sockets (2-way interleaved memory)	12/24 GB ECC Reg. DDR333/266 SDRAM in 6 DIMM sockets (2-way interleaved memory)	12/24 GB ECC Reg. DDR333/266 SDRAM in 6 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)
1 Universal PCI-X 133 MHz(full-length)/ 1 PCI-Express x8 1 Universal PCI-X 100 MHz(full-length)/ 1 PCI-Express x8	1 Universal PCI-X 100 MHz(full-length)/ 1 PCI-Express x8	1 Universal PCI-X 100MHz (full-length)/ 1 PCI-Express x8 1 Universal PCI-X 100MHz (full-length)/ 1 PCI-Express x8	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-Express x8* 1 Universal PCI-X 100MHz (low-profile)/ 1 PCI-Express x8*
Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Marvell controller for 4 SATA Intel® ICH5R for 2 SATA; RAID 0, 1	Marvell controller for 4 SATA Intel® ICH5R for 2 SATA; RAID 0, 1	Marvell controller for 4 SATA Intel® ICH5R for 2 SATA; RAID 0, 1
AOC-LPZCR1 or DAC-0008	AOC-LPZCR1 or AOC-2020SA	AOC-LPZCR1 or AOC-2020SA	AOC-SOZCR1 or AOC-2025SA
Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
IPMI 2.0 socket, SUPER● Doctor III, Watch Dog	1U IPMI 2.0 slot w/ optional 3rd LAN port SUPER● Doctor III, Watch Dog	1U IPMI 2.0 slot w/ optional 3rd LAN port SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog
1.2 TB	1.6 TB	1.6 TB	1.6 TB
4 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant)	4 x 1" hot-swap SATA drive bays	4 x 1" hot-swap SATA drive bays	4 x 1" hot-swap SATA drive bays
1 slim DVD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive
560W cold-swap w/I^{2}C built-in	560W redundant hot-swap w/I^{2}C built-in	560W cold-swap w/I^{2}C built-in	500W cold-swap w/I^{2}C built-in
5 x 4cm heavy duty counter-rotating fans w/optimal fan speed control	5 x 4cm heavy duty counter-rotating fans w/optimal fan speed control	5 x 4cm heavy duty counter-rotating fans w/optimal fan speed control	2 x 10cm heavy duty blowers w/optimal fan speed control
1U Rackmount 437 x 43 x 681mm (17.2" x 1.7" x 26.8")	1U Rackmount 437 x 43 x 681mm (17.2" x 1.7" x 26.8")	1U Rackmount 437 x 43 x 681mm (17.2" x 1.7" x 26.8")	1U Rackmount 437 x 44 x 650mm (17.2" x 1.7" x 25.6")

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	SuperServer 6014H-82	**SuperServer 6014H-8**	**SuperServer 6014A-8**
PROCESSOR SUPPORT	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB
KEY APPLICATIONS	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end server, business/mission critical applications, cluster server, high performance computing cluster (HPCC), video and movie rendering
OUTSTANDING FEATURES	4 SCA drive bays Universal PCI-X/PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W cold-swap power supply	4 SCA drive bays Universal PCI-X/PCI-Express 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W cold-swap power supply	4 SCA drive bays Universal PCI-X/PCI-Express 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W cold-swap power supply
CHIPSET/SERVERBOARD™	Intel® E7520/ SUPER○® X6DHR-8G2	Intel® E7520/ SUPER○® X6DHR-8G	Intel® E7525/ SUPER○® X6DAR-8G
SYSTEM MEMORY (Max.)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)
EXPANSION SLOTS	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-Express x8* 1 Universal PCI-X 100MHz (low-profile)/ 1 PCI-Express x8*	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-Express x8* 1 Universal PCI-X 133MHz (low-profile)/ 1 PCI-Express x4*	1 PCI-Express x16 1 Universal PCI-X 133MHz (low-profile)/ 1 PCI-Express x4*
ONBOARD SCSI/SATA/IDE/ SATA RAID	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-SOZCR1 or DAC-0009	AOC-SOZCR1 or DAC-0009	AOC-SOZCR1 or DAC-0009
ONBOARD LAN/VGA	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI Rage XL 8MB PCI graphics controller
MANAGEABILITY	IPMI 2.0 socket, SUPER○® Doctor III, Watch Dog	IPMI 2.0 socket, SUPER○® Doctor III, Watch Dog	IPMI 2.0 socket, SUPER○® Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	1.2 TB	1.2 TB	1.2 TB
DRIVE BAYS	4 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant)	4 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant)	4 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant)
PERIPHERAL BAYS	1 slim CD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive
POWER SUPPLY	500W cold-swap w/I²C built-in	500W cold-swap w/I²C built-in	500W cold-swap w/I²C built-in
COOLING SYSTEM	2 x 10cm heavy duty blowers w/optimal fan speed control	2 x 10cm heavy duty blowers w/optimal fan speed control	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 25.7")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")

*Optional PCI-Express riser card

SuperServer 6014H-X8	SuperServer 6014H-Xi	SuperServer 6014H-i2	SuperServer 6014H-i
Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB
High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
4 SCA drive bays 2 PCI-X 133MHz 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W cold-swap power supply	3 fixed drive bays 2 PCI-X 133MHz 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket Front side USB 2.0 & serial ports 420W power supply	3 fixed drive bays Universal PCI-X/PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket Front side USB 2.0 & serial ports 420W power supply	3 fixed drive bays Universal PCI-X/PCI-Express 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket Front side USB 2.0 & serial ports 420W power supply
Intel® E7520/ SUPER● X6DHR-X8G	Intel® E7520/ SUPER● X6DHR-XiG	Intel® E7520/ SUPER● X6DHR-iG2	Intel® E7520/ SUPER● X6DHR-iG
16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)
1 64-bit PCI-X 133MHz (full-length) 1 64-bit PCI-X 133MHz (low-profile)	1 64-bit PCI-X 133MHz (full-length) 1 64-bit PCI-X 133MHz (low-profile)	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-Express x8* 1 Universal PCI-X 100MHz (low-profile)/ 1 PCI-Express x8*	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-Express x8* 1 Universal PCI-X 133MHz (low-profile)/ 1 PCI-Express x4*
Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Intel® ICH5R for 2 SATA RAID 0, 1 supported	Intel® ICH5R for 2 SATA RAID 0, 1 supported	Intel® ICH5R for 2 SATA RAID 0, 1 supported
AOC-SOZCR1 or DAC-0009	N/A	N/A	N/A
Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
IPMI 2.0 socket, SUPER● Doctor 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, SUPER● Doctor III, Watch Dog
1.2 TB	750 GB	750 GB	750 GB
4 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant)	3 x 3.5" fixed drive bays	3 x 3.5" fixed drive bays	3 x 3.5" fixed drive bays
1 slim CD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive
500W cold-swap w/I²C built-in	420W	420W	420W
2 x 10cm heavy duty blowers w/optimal fan speed control	2 x 10cm heavy duty blowers w/optimal fan speed control	2 x 10cm heavy duty blowers w/optimal fan speed control	2 x 10cm heavy duty blowers w/optimal fan speed control
1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.7")	1U Rackmount 427 x 43 x 650mm (16.7" x 1.7" x 25.7")	1U Rackmount 427 x 43 x 650mm (16.7" x 1.7" x 25.7")	1U Rackmount 427 x 43 x 650mm (16.7" x 1.7" x 25.7")

SUPERMICRO®
Server
Solutions

	SuperServer 6014V-M4	SuperServer 6014V-T2	SuperServer 6113L-8/i
PROCESSOR SUPPORT	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual Intel® Itanium® 2 up to 1.50GHz 400MHz FSB
KEY APPLICATIONS	NAS storage, file server, e-mail server, web server for small businesses & other server applications	File server, e-mail server, web server for small businesses & other server applications	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
OUTSTANDING FEATURES	4 SCA drive bays 1 PCI-X 133MHz 12/24 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket Front side USB & serial ports 420W power supply	2 SATA drive bays 1 PCI 66MHz 8 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 420W power supply	4 SCA/fixed drive bays 1 PCI-X 100MHz 16 GB DDR SDRAM 2 Gigabit Ethernet ports IPMI 1.5 socket Front side USB 2.0 & serial ports 500W cold-swap power supply
CHIPSET/SERVERBOARD™	Intel® E7320/ SUPER® X6DVA-4G	Intel® E7320/ SUPER® X6DVL-EG2	6113L8: Intel® E8870/ SUPER® i2DML-8G2 6113Li: Intel® E8870/ SUPER® i2DML-iG2
SYSTEM MEMORY (Max.)	12/24 GB ECC Reg. DDR333/266 SDRAM in 6 DIMM sockets (2-way interleaved memory)	8 GB ECC Reg. DDRII 400 SDRAM in 4 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDR200 SDRAM (4-way interleaved memory)
EXPANSION SLOTS	1 64-bit PCI-X 133MHz	1 64-bit PCI 66MHz	1 64-bit, PCI-X 100MHz (full-length)
ONBOARD SCSI/SATA/IDE/ SATA RAID	LSI® Ultra320 SCSI Intel® 6300ESB for 2 SATA RAID 0, 1 supported	Intel® 6300ESB for 2 SATA RAID 0, 1 supported	SS6113L-8: LSI® 2-ch Ultra320 SCSI controller SS6113Li: ATA/100 IDE
ZERO CHANNEL RAID (ZCR) SUPPORT	N/A	N/A	N/A
ONBOARD LAN/VGA	Dual LAN with Intel® 82541GI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82541GI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual Gigabit LAN with Intel® 82546EB Ethernet controller ATI® Rage XL 8MB PCI graphics controller
MANAGEABILITY	IPMI 2.0 socket, SUPER® Doctor III, Watch Dog	IPMI 2.0 socket, SUPER® Doctor III, Watch Dog	IPMI 1.5 socket, SUPER® Doctor III Watch Dog
INTERNAL STORAGE (Max.)	1.2 TB	800 GB	1.2 TB
DRIVE BAYS	4 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant)	2 x 1" hot-swap Serial ATA drive bays	SS6113L8: 4 x 1" hot-swap Ultra320 SCSI SCA drive bays (SAF-TE compliant) SS6113Li: 4 x 3.5" fixed drive bays
PERIPHERAL BAYS	1 slim CD-ROM drive	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive
POWER SUPPLY	420W	420W	500W cold-swap w/I^{2}C built-in
COOLING SYSTEM	4 x 4cm high performance fans w/optimal fan speed control	2 x 10cm high performance fans w/optimal fan speed control	2 x 10cm heavy duty blower fans & 1 x 4cm I/O cooling fan
FORM FACTOR	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 425 x 44 x 574mm (16.7" x 1.7" x 22.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")

SuperServer 6013P-T	SuperServer 6013P-8+	SuperServer 6013P-8	SuperServer 6013P-i
Dual Xeon™ up to 3.20GHz 533/400MHz FSB	Dual Xeon™ up to 3.20GHz 533/400MHz FSB	Dual Xeon™ up to 3.20GHz 533/400MHz FSB	Dual Xeon™ up to 3.20GHz 533/400MHz FSB
High-end file, web server, communication gateway, primary server for small business, server clustering, NAS	E-business, web server, load balancing, database, server clustering	E-business, web server, load balancing, database, server clustering	High-end file/print server, web server, communication gateway, primary server for small businesses, server clustering
4 SATA hot-swap drive bays 1/1 PCI-X/PCI 133/66MHz 12GB DDR SDRAM 2 Gigabit Ethernet ports IPMI 1.5 socket Front side USB & serial ports (optional) 500W cold-swap power supply	4 SCA drive bays 2 PCI-X 133/100MHz slots 12 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR RAID card supported IPMI 1.5 socket Front side USB & serial ports (optional) 500W cold-swap power supply	3 SCA drive bays 2 PCI-X 133/100MHz slots 12 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR RAID card supported IPMI 1.5 socket Front side USB & serial ports 400W cold swap power supply	3 IDE drive bays 2 PCI-X 133/100MHz slots 12 GB DDR SDRAM 2 Gigabit Ethernet ports 350W power supply
Intel® E7501/**SUPER●°** X5DPR-TG2+	Intel® E7501/**SUPER●°** X5DPR-8G2+	Intel® E7501/**SUPER●°** X5DPR-8G2+	Intel®E7501/**SUPER●°** X5DPR-iG2+
12 GB ECC Reg. DDR266/200 SDRAM in 6 DIMM sockets (low-profile memory) (2-way interleaved memory)	12 GB ECC Reg. DDR266/200 SDRAM in 6 DIMM sockets (low-profile memory) (2-way interleaved memory)	12 GB ECC Reg. DDR266/200 SDRAM in 6 DIMM sockets (low-profile memory) (2-way interleaved memory)	12 GB ECC Reg. DDR266/200 SDRAM in 6 DIMM sockets (low-profile memory) (2-way interleaved memory)
1 64-bit PCI-X 133 MHz (full-length) 1 64-bit PCI 66MHz (low-profile)	1 64-bit PCI-X 133 MHz (full-length) 1 64-bit PCI-X 100 MHz (low-profile)	1 64-bit PCI-X 133 MHz (full-length) 1 64-bit PCI-X 100 MHz (low-profile)	1 64-bit PCI-X 133 MHz (full length) 1 64-bit PCI-X 100 MHz (low-profile)
Two Silicon 3112 controllers support 4 SATA ports for 4 drives	Adaptec® 7902 2-channel Ultra320 SCSI	Adaptec® 7902 2-channel Ultra320 SCSI	ATA/100 IDE
RAID 0,1,5 with Zero Channel RAID (ZCRINT) supported	AOC-SOZCR1 or DAC-0009	AOC-SOZCR1 or DAC-0009	N/A
Dual Gigabit LAN with Intel® 82546EB Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual Gigabit LAN with Intel® 82546EB Ethernet controller ATI® Rage XL 8 MB PCI graphics controller	Dual Gigabit LAN with Intel® 82546EB Ethernet controller ATI® Rage XL 8 MB PCI graphics controller	Dual Gigabit LAN with Intel® 82546EB Ethernet controller ATI® Rage XL 8 MB PCI graphics controller
IPMI 1.5 socket, **SUPER●°** Doctor III Watch Dog	IPMI 1.5 socket, **SUPER●°** Doctor III Watch Dog	IPMI 1.5 socket, **SUPER●°** Doctor III Watch Dog	IPMI 1.5 socket, **SUPER●°** Doctor III Watch Dog
1.6 Terabytes	1.2 Terabytes	900 GB	900 GB
4 x 1" hot-swap Serial ATA drive bays	4 x 1" hot-swap Ultra320/160 SCSI SCA drive bays (SAF-TE compliant)	3 x 1" hot-swap Ultra320/160 SCSI SCA drive bays (SAF-TE compliant)	3 x 3.5" internal drive bays
1 slim floppy drive 1 slim CD-ROM drive	1 slim floppy drive 1 slim CD-ROM drive	1 slim floppy drive 1 slim CD-ROM drive	N/A
500W cold-swap	500W cold-swap	400W cold-swap	350W
2 x 10cm heavy duty blower fans	2 x 10cm heavy duty blower fans	2 x 10cm heavy duty blower fans	2 x 10cm heavy duty blower fans
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 427 x 43 x 650mm (16.7" x 1.7" x 25.6")

NEW!

	SuperServer 6013L-8	SuperServer 6013A-T	SuperServer 5014C-M8
PROCESSOR SUPPORT	Dual Xeon™ up to 3.20GHz 533/400MHz FSB	Dual Xeon™ up to 3.20GHz 533/400MHz FSB	Single Pentium® 4 LGA775 up to 3.60GHz 800MHz FSB
KEY APPLICATIONS	E-business, web server, load balancing, database, server clustering	File/print server, firewall applications, mail server, web server for small businesses & other server applicatios	NAS storage, file server, mail server, web server for small businesses & other server applications
OUTSTANDING FEATURES	3 SCA drive bays 12 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR RAID card supported Front side USB & serial ports 400W cold swap power supply	2 SATA drive bays 8 GB DDR SDRAM 1 Gigabit & 1 10/100 Ethernet ports IPMI 1.5 socket 350W power supply	4 SCA drive bays 1 PCI-X 100MHz slot 4 GB DDRII 533 SDRAM 2 Gigabit Ethernet ports Front USB 2.0 & serieal ports
CHIPSET/SERVERBOARD™	ServerWorks™ GC-LE/ SUPER® X5DLR-8G2+	Intel® E7501/SUPER® X5DPA-TGM+	Intel® E7221/ SUPER® P8SC8
SYSTEM MEMORY (Max.)	12 GB ECC Reg. DDR266/200 SDRAM in 6 DIMM sockets (low-profile memory) (2-way interleaved memory)	8 GB ECC Reg. DDR266/200 SDRAM in 4 DIMM sockets (2-way interleaved memory)	4 GB Unbuffered ECC / non-ECC DDRII 533/400 SDRAM in 4 DIMM sockets
EXPANSION SLOTS	1 64-bit PCI-X 133/100 MHz	1 32-bit PCI 33 MHz	1 64-bit PCI-X 100MHz
ONBOARD SCSI/SATA/IDE/ SATA RAID	Adaptec® 7902 2-channel Ultra320 SCSI	Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH6R for 4 SATA; RAID 0, 1
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-SOZCR1 or DAC-0009	N/A	AOC-LPZCR1 or DAC-0008
ONBOARD LAN/VGA	Dual LAN with Broadcom 5704 Gigabit Ethernet controller (Integrated into CIOB-E) ATI® Rage XL 8 MB PCI graphics controller	Intel® 82541 Gigabit Ethernet controller Intel® 82551 10/100 fast Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics
MANAGEABILITY	IPMI 1.5 socket, SUPER® Doctor III Watch Dog	IPMI 1.5 socket, SUPER® Doctor III, Watch Dog	IPMI 2.0 socket, SUPER® Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	900 GB	800GB	1.2 TB
DRIVE BAYS	3 x 1" hot-swap Ultra320/160 SCSI SCA drive bays (SAF-TE compliant)	2 x 1" Serial ATA hot-swap drive bays	4 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant)
PERIPHERAL BAYS	1 slim floppy drive 1 slim CD-ROM drive	1 floppy drive 1 slim CD-ROM drive	1 slim CD-ROM drive
POWER SUPPLY	400W cold-swap	350W	300W
COOLING SYSTEM	2 x 10cm heavy duty blower fans	2 x 10cm heavy duty blower fans	3 x 4cm high performance fans w/ optimal fan speed control & air shroud
FORM FACTOR	1U Rackmount 427 x 43 x 650mm (16.7" x 1.7" x 25.6")	1U Rackmount 427 x 43 x 574mm (16.7" x 1.7" x 22.6")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")

SuperServer 5014C-MT	**SuperServer 5014C-T**	**SuperServer 5014C-MF**	**SuperServer 5014C-MR**
Single Pentium®4 LGA775 up to 3.60GHz 800MHz FSB	Single Pentium®4 LGA775 up to 3.60GHz 800MHz FSB	Single Pentium®4 LGA775 up to 3.60GHz 800MHz FSB	Single Pentium®4 LGA775 up to 3.60GHz 800MHz FSB
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 appications	File/print server, firewall applications, client nodes, mail server, web server for small business appications
4 SATA drive bays 1 PCI-X 133MHz slot 4 GB DDRII 533 SDRAM 2 Gigabit Ethernet ports Front USB 2.0 & serieal ports	2 SATA drive bays 1 PCI-X 133MHz slot 4 GB DDRII 533 SDRAM 2 Gigabit Ethernet ports	Optimized for shallow racks 1 PCI-X 133MHz slot 4 GB DDRII 533 SDRAM 2 Gigabit Ethernet ports Front-side I/O Access	Optimized for shallow racks 1 PCI-X 133MHz slot 4 GB DDRII 533 SDRAM 2 Gigabit Ethernet ports Front USB 2.0 ports
Intel® E7221/ SUPER● P8SCT	Intel® E7221/ SUPER● P8SCi	Intel® E7221/ SUPER● P8SCT	Intel® E7221/ SUPER● P8SCi
4 GB Unbuffered ECC /non-ECC DDRII 533/400 SDRAM in 4 DIMM sockets	4 GB Unbuffered ECC /non-ECC DDRII 533/400 SDRAM in 4 DIMM sockets	4 GB Unbuffered ECC /non-ECC DDRII 533/400 SDRAM in 4 DIMM sockets	4 GB Unbuffered ECC /non-ECC DDRII 533/400 SDRAM in 4 DIMM sockets
1 64-bit PCI-X 133MHz	1 64-bit PCI-X 133MHz	1 64-bit PCI-X 133MHz	1 64-bit PCI-X 133MHz
Intel® ICH6R for 4 SATA RAID 0, 1, 10 supported	Intel® ICH6R for 4 SATA RAID 0, 1 supported (2 drives support for this model)	Intel® ICH6R for 4 SATA RAID 0, 1 supported (1 x 3.5" or 2 x 2.5" drives support for this model)	Intel® ICH6R for 4 SATA RAID 0, 1 supported (2 drives support for this model)
N/A	N/A	N/A	N/A
Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics	Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics	Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics	Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics
IPMI 2.0 socket, SUPER● Doctor 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, SUPER● Doctor III, Watch Dog
1.6 TB	800 GB	400GB	400GB
4 x 1" hot-swap Serial ATA drive bays	2 x 1" hot-swap Serial ATA drive bays	1 x 3.5" fixed or 2 x 2.5" optional fixed SATA drive bays	1 x 3.5" fixed Serial ATA/IDE drive bay
1 slim CD-ROM drive	1 slim CD-ROM drive 1 floppy drive	N/A	1 slim CD-ROM drive 1 slim floppy drive
300W	260W	260W	260W
3 x 4cm high performance fans w/ optimal fan speed control & air shroud	2 x 10cm heavy duty blower fans w/ optimal fan speed control & air shroud	1 x 10cm heavy duty blower fan w/ optimal fan speed control & air shroud	1 x 10cm heavy duty blower fan w/ optimal fan speed control & air shroud
1U Rackmount 437 x 44 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 427 x 43 x 574mm (16.8" x 1.7" x 22.6")	Mini 1U Rackmount 424 x 43 x 356mm (16.7" x 1.7" x 14")	Mini 1U Rackmount 424 x 43 x 356mm (16.7" x 1.7" x 14")

SUPERMICRO® Server Solutions

	SuperServer 5013C-MT	SuperServer 5013C-M8	SuperServer 5013C-T
PROCESSOR SUPPORT	Single Pentium® 4 PGA478 up to 3.40GHz 800/533MHz FSB	Single Pentium® 4 PGA478 up to 3.40GHz 800/533MHz FSB	Single Pentium® 4 PGA478 up to 3.40GHz 800/533MHz FSB
KEY APPLICATIONS	NAS storage, file server, e-mail server, web server for small businesses & other server applications	NAS storage, file server, e-mail server, web server for small businesses & other server applications	File/print server, firewall applications, mail server, web server for small businesses & other server applications
OUTSTANDING FEATURES	4 SATA drive bays 1 PCI-X 66MHz slot 4 GB DDR SDRAM 2 Gigabit Ethernet ports Front USB 2.0 & serial ports	4 SCA drive bays 1 PCI-X 66MHz slot 4 GB DDR SDRAM 2 Gigabit Ethernet ports Front USB 2.0 & serial ports 1 External SCSI port	2 SATA hot-swap drive bays 4 GB Dual channel DDR SDRAM 2 Gigabit Ethernet ports Slim 1U cost-effective solution
CHIPSET/SERVERBOARD™	Intel® E7210/SUPER® P4SCT+	Intel® E7210/SUPER® P4SC8	Intel® E7210/SUPER® P4SCE
SYSTEM MEMORY (Max.)	4 GB Dual-channel DDR ECC, non-ECC DDR 400/333/266 SDRAM in 4 DIMM sockets	4 GB Dual-channel DDR ECC, non-ECC DDR 400/333/266 SDRAM in 4 DIMM sockets	4 GB Dual-channel DDR ECC, non-ECC DDR 400/333/266 SDRAM in 4 DIMM sockets
EXPANSION SLOTS	1 64-bit PCI-X 66MHz	1 64-bit PCI-X 66MHz	1 32-bit PCI 33 MHz
ONBOARD SCSI/SATA/IDE/ SATA RAID	Marvell controller supports 4 SATA RAID 0, 1 supported	Adaptec® 7902 2-channel Ultra320 SCSI	Intel® ICH5-R SATA controller supported 2 SATA ports for 2 drives RAID 0, 1 supported
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-2020SAH1	AOC-LPZCR1 or DAC-0008	N/A
ONBOARD LAN/VGA	Intel® 82547GI CSA Gigabit Ethernet Intel® 82541 Gigabit Ethernet ATI® Rage XL 8MB PCI graphics controller	Intel® 82547GI CSA Gigabit Ethernet Intel® 82541 Gigabit Ethernet ATI® Rage XL 8MB PCI graphics controller	Dual Gigabit LAN with two Intel® 82541 Ethernet controllers ATI® Rage XL 8 MB PCI graphics controller
MANAGEABILITY	SUPER® Doctor III, Watch Dog	SUPER® Doctor III, Watch Dog	SUPER® Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	1.6 TB	1.2 TB	800 GB
DRIVE BAYS	4 x 1" hot-swap Serial ATA drive bays	4 x 1" hot-swap Ultra320/160 SCSI SCA drive bays (SAF-TE compliant)	2 x 1" hot-swap Serial ATA drive bays
PERIPHERAL BAYS	1 slim CD-ROM drive	1 slim CD-ROM drive	1 floppy drive 1 slim CD-ROM drive
POWER SUPPLY	300W	300W	250W
COOLING SYSTEM	3 x 4cm high performance fans	3 x 4cm high performance fans	2 x 10cm heavy duty blower fans & 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 437 x 43 x 574mm (16.7" x 1.7" x 22.6")

SuperServer 5013C-i	SuperServer 5013G-6/i	SuperServer 5013S-8/i	SuperServer 5013C-M
Single Pentium® 4 PGA478 up to 3.40GHz 800/533/400MHz FSB	Single Pentium® 4 up to 3.06GHz 533/400MHz FSB	Single Xeon™ up to 3.06GHz 533/400MHz FSB	Single Pentium® 4 up to 3.40GHz 800/533/400MHz FSB
File/print server, firewall applications, mail server, web server for small businesses & other server applications	File/print server, firewall applications, mail server, web server for small businesses & other server applications	File/print server, firewall applications, 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
4 GB Dual-channel DDR SDRAM 2 Gigabit Ethernet ports Slim 1U cost-effective solution 2 Fixed IDE drive bays	2 Gigabit Ethernet ports Slim 1U cost-effective solution	1 Gb & 1 10/100 Ethernet port 1 64-bit PCI 66MHz Slim 1U cost-effective solution	Optimized for shallow racks 1 PCI-X 66MHz slot 4 GB DDR SDRAM 2 Gigabit Ethernet ports Front USB 2.0 ports
Intel® E7210/ **SUPER●**° P4SCE	5013G-6: Intel® 845GE/ **SUPER●**° P4SGR 5013G-i: Intel® 845GE/ **SUPER●**° P4SGE	ServerWorks GC-SL/ **SUPER●**° X5SS8-GM+/X5SSE-GM+	Intel® E7210/ **SUPER●**° P4SCi
4 GB Dual-channel ECC, non-ECC DDR 400/333/266 SDRAM in 4 DIMM sockets	2 GB Unb. DDR333/266/200 SDRAM in 2 DIMM sockets	4 GB ECC Reg. DDR266/200 SDRAM in 4 DIMM sockets	4 GB ECC Unb. DDR400/333 SDRAM (2-channel memory)
1 32-bit PCI 33 MHz	1 32-bit PCI 33 MHz	1 64-bit PCI 66 MHz	1 64-bit PCI-X 66MHz
ATA/100 IDE	5013G-6: Adaptec® 7899 2-channel Ultra160 SCSI 5013G-i: ATA/100 IDE	5013S-8: Adaptec® 7902 2-channel Ultra320 SCSI 5013S-i: ATA/100 IDE	2 SATA port for 1 drive/ATA/100 IDE (2 drives support for this model)
N/A	N/A	5013S-8: AOC-LPZCR1 or DAC-0008	N/A
Dual Gigabit LAN with two Intel® 82541 Ethernet controllers ATI®Rage XL 8 MB PCI graphics controller	Dual Gigabit LAN with two Intel® 82540EM Ethernet controllers Intel®Extreme Graphics accelerator on-chip	Broadcom 5702 Gigabit Ethernet Intel®82551 10/100 fast Ethernet controller ATI®Rage XL 8 MB PCI graphics controller	Intel® 82547GI CSA Gigabit Ethernet & Intel® 82541 Gigabit Ethernet ATI® Rage XL 8MB PCI graphics
SUPER●° Doctor III, Watch Dog	**SUPER●**° Doctor III, Watch Dog	**SUPER●** Doctor III, Watch Dog	**SUPER●**° Doctor III, Watch Dog
600GB	5013G-6: 600GB 5013G-i: 600GB	5013S-8: 600 GB 5013S-i: 600 GB	SATA: 400GB IDE: 300GB
2 x 3.5" IDE drive bays	5013G-6: 2 x 1" hot-swap Ultra160 SCSI SCA drive bays 5013G-i: 2 x 3.5" IDE drive bays	5013S-8: 2 x 1" hot-swap Ultra320 SCSI SCA drive bays 5013S-i: 2 x 3.5" IDE drive bays	1 x 3.5" internal drive bay
1 floppy drive 1 slim CD-ROM drive	1 floppy drive 1 slim CD-ROM drive	1 floppy drive 1 slim CD-ROM drive	1 slim floppy drive 1 slim CD-ROM drive
250W	250W	250W	260W
2 x 10cm heavy duty blower fans	1 x 10cm heavy duty blower fan	1 x 10cm heavy duty blower fan	1 x 10cm heavy duty blower fan
1U Rackmount 427 x 43 x 574mm (16.7" x 1.7" x 22.6")	1U Rackmount 427 x 43 x 574mm (16.7" x 1.7" x 22.6")	1U Rackmount 427 x 43 x 574mm (16.7" x 1.7" x 22.6")	Mini 1U Rackmount 424 x 43 x 356mm (16.7" x 1.7" x 14")

SUPERMICRO® Server Solutions

	SuperServer 5013G-M	SuperWorkstation 5033C-T	SuperServer 5012B-6/E
PROCESSOR SUPPORT	Single Pentium® 4 up to 3.06GHz 533/400MHz FSB	Single Pentium® 4 up to 3.40GHz 800/533/400MHz FSB	Single Pentium® 4 up to 2.60GHz 400MHz FSB
KEY APPLICATIONS	File/print server, firewall applications, mail server, web server for small businesses & other server applications	Server for small business, high-end workstation, 2D/3D & CAD applications	File/print server, firewall applications, mail server, web server for small businesses & other server applications
OUTSTANDING FEATURES	Optimized for shallow racks 2 Gigabit Ethernet controllers Front side USB 2.0 ports Slim 1U cost-effective solution	4 SATA drive bays 4 GB DDR SDRAM 8x AGP Pro 1.5V slot 2 Gigabit Ethernet ports Front USB 2.0 ports	2 10/100 fast Ethernet ports Slim 1U cost-effective solution
CHIPSET/SERVERBOARD™	Intel® 845GE/SUPER○® P4SGE	Intel® 875P/SUPER○® P4SCT+II	5012B-6: Intel® 845/SUPER○® P4SBR 5012B-E: Intel® 845/SUPER○® P4SBE
SYSTEM MEMORY (Max.)	2 GB Unb. DDR333/266/200 SDRAM in 2 DIMM sockets	4 GB ECC Unb. DDR400/333 SDRAM (2-channel memory)	3 GB unbuffered PC133/100 SDRAM in 3 DIMM sockets (low-profile memory) *ECC support
EXPANSION SLOTS	1 32-bit, PCI 33 MHz	1 8x AGP Pro 1.5V 3 64-bit, PCI-X 66MHz 2 32-bit, PCI 33MHz	1 32-bit, PCI 33 MHz
ONBOARD SCSI/SATA/IDE/ SATA RAID	ATA/100 IDE	Marvell controller supports 4 SATA RAID 0, 1 supported Adaptec SATA RAID 2020SAH1	5012B-6: Adaptec® 7899W 2-channel Ultra160 SCSI 5012B-E: ATA/100 IDE
ZERO CHANNEL RAID (ZCR) SUPPORT	N/A	N/A	N/A
ONBOARD LAN/VGA	Dual Gigabit LAN with two Intel® 82540EM Ethernet controllers Intel® Extreme Graphics accelerator on-chip	Intel® 82547GI CSA Gigabit Ethernet Intel® 82541 Gigabit Ethernet ATI® Rage XL 8MB PCI graphics	2 Intel® 82559 10/100 fast Ethernet controllers ATI® Rage XL 8 MB PCI graphics controller
MANAGEABILITY	SUPER○® Doctor III, Watch Dog	SUPER○® Doctor III, Watch Dog	SUPER○® Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	300GB	1.6 TB	5012B-6: 600 GB 5012B-i: 500 GB
DRIVE BAYS	1 x 3.5" internal drive bay	4 x 1" hot-swap SATA & 2 x 5.25" drive bays	5012B-6: 2 x 1" hot-swap Ultra160 SCSI SCA drive bays 5012B-E: 2 x 3.5" IDE drive bays
PERIPHERAL BAYS	1 slim floppy drive 1 slim CD-ROM drive	1 floppy drive	1 floppy drive 1 slim CD-ROM drive
POWER SUPPLY	200W	350W with thermal control fan	250W
COOLING SYSTEM	1 x 10cm heavy duty blower fan	1 x 12cm exhaust thermal fan & 1 x 9cm thermal cooling fan	1 x 10cm heavy duty blower fan
FORM FACTOR	Mini 1U Rackmount 424 x 43 x 356 mm (16.7" x 1.7" x 14")	Workstation 178 x 447 x 531mm (7" x 17.1" x 21.4")	1U Rackmount 427 x 43 x 574mm (16.7" x 1.7" x 22.6")

*Optional PCI-Express riser card

NEW!SATA

SuperServer 6024H-82R	SuperServer 6024H-82	SuperServer 6024H-8R	SuperServer 6024H-TR
Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB
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	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering
6 SCA drive bays 3 PCI-X 133/100MHz 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W redundant power supply	6 SCA drive bays 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR RAID* supported IPMI 2.0 socket 550W power supply	6 SCA drive bays 6 PCI-X & PCI Express 16/32 GB DDR 333/266 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket 500W redundant power supply	6 SATA drive bays 6 PCI-X & PCI Express 16/32 GB DDR 333/266 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket 500W redundant power supply
Intel® E7520/ SUPER●˚ X6DH8-G2	Intel® E7520/ SUPER●˚ X6DH8-G2	Intel® E7520/ SUPER●˚ X6DH8-G	Intel® E7520/ SUPER●˚ X6DHT-G
16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)
1/2 64-bit PCI-X 133/100MHz (full-height riser card installed)	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100 2 PCI-Express x8 1 PCI-Express x4 (all are low-profile slots)	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100 2 PCI-Express x8 1 PCI (all are low-profile slots)	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100 2 PCI-Express x8 1 PCI (all are low-profile slots)
Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® 6300ESB for 2 SATA; RAID 0, 1	Marvell controller for 8 SATA Intel® 6300ESB for 2 SATA; RAID 0, 1
AOC-LPZCR1 or DAC-0008	AOC-LPZCR1 or DAC-0008	AOC-LPZCR1 or DAC-0008	AOC-LPZCR1 or AOC-2020SA
Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82541GI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82541GI Gigabit Ethernet controller ATI Rage XL 8MB PCI graphics controller
IPMI 2.0 socket, SUPER●˚ Doctor 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, SUPER●˚ Doctor III, Watch Dog
1.8 TB	1.8 TB	1.8 TB	2.4 TB
6 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay	6 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay	6 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay	6 x 1" hot-swap Serial ATA drive bays & 1 x 5.25" drive bay
1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive
500W redundant power supply w/I²C built-in	550W	500W redundant power supply w/I²C built-in	500W redundant power supply w/I²C built-in
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	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
2U Rackmount 424 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 424 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 424 x 89 x 650mm (16.7" x 3.5" x 25.6")	2U Rackmount 424 x 89 x 650mm (16.7" x 3.5" x 25.6")

NEW!SATA

	SuperServer 6024H-T	SuperServer 6024H-i2	SuperServer 6024H-i
PROCESSOR SUPPORT	Dual 64-bit Xeon™ up to 3.60GHz 800 FSB	Dual 64-bit Xeon™ up to 3.60GHz 800 FSB	Dual 64-bit Xeon™ up to 3.60GHz 800 FSB
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	6 SATA drive bays PCI-X & PCI-express 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket 550W power supply	6 fixed drive bays PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 550W power supply	6 fixed drive bays PCI-X & PCI-Express 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 550W power supply
CHIPSET/SERVERBOARD™	Intel® E7520/SUPER○® X6DHT-G	Intel® E7520/SUPER○® X6DHE-G2	Intel® E7520/SUPER○® X6DHE-G
SYSTEM MEMORY (Max.)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)
EXPANSION SLOTS	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI Express x8 1 PCI (all are low-profile slots)	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI-Express x4 (all are low-profile slots)	1 64-bit PCI-X 133/100MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI (all are low-profile slots)
ONBOARD SCSI/SATA/IDE/ SATA RAID	Marvell controller for 8 SATA Intel® 6300ESB for 2 SATA; RAID 0, 1	Intel® ICH5R for 2 SATA RAID 0, 1 supported	Intel® 6300ESB for 2 SATA RAID 0, 1 supported
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-LPZCR1 or AOC-2020SA	N/A	N/A
ONBOARD LAN/VGA	Dual LAN with Intel® 82541GI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82541GI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
MANAGEABILITY	IPMI 2.0 socket, SUPER○® Doctor III, Watch Dog	IPMI 2.0 socket, SUPER○® Doctor III, Watch Dog	IPMI 2.0 socket, SUPER○® Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	2.4 TB	1.3 TB	1.3 TB
DRIVE BAYS	6 x 1" hot-swap SATA drive bays & 1 x 5.25" drive bay	6 x 3.5" fixed drive bays & 1 x 5.25" drive bay	6 x 3.5" fixed drive bays & 1 x 5.25" drive bay
PERIPHERAL BAYS	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive
POWER SUPPLY	550W	550W	550W
COOLING SYSTEM	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	4 x 8cm heavy duty fans w/optimal fan speed control & air shroud
FORM FACTOR	2U Rackmount 424 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 424 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 424 x 89 x 650mm (16.8" x 3.5" x 25.6")

*Optional PCI-Express riser card

SuperServer 6123L-8R	SuperServer 6123L-iR	SuperServer 6023P-8R	SuperServer 6023P-8
Dual Intel® Itanium® 2 up to 1.50GHz 400MHz FSB	Dual Intel® Itanium® 2 up to 1.50GHz 400MHz FSB	Dual 64-bit Xeon™ up to 3.20GHz 533/400MHz FSB	Dual 64-bit Xeon™ up to 3.20GHz 533/400MHz FSB
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	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering
6 SCA drive bays 3 PCI-X 133MHz 16 GB DDR 200 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W redundant power supply Front USB 2.0 ports	6 fixed drive bays 3 PCI-X 133MHz 16 GB DDR 200 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W redundant power supply Front USB 2.0 ports	6 SCA drive bays 6 low-profile PCI-X 133/100/PCI 66 16 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 1.5 socket 400W redundant power supply	6 SCA drive bays 6 low-profile PCI-X 133/100/PCI 66 16 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 1.5 socket 400W power supply
Intel® E8870/ SUPER● i2DML-8G2	Intel® E8870/ SUPER● i2DML-iG2	Intel® E7501/ SUPER● X5DP8-G2	Intel® E7501/ SUPER● X5DP8-G2
16 GB ECC Reg. DDR 200 SDRAM in 8 DIMM sockets (4-way interleaved memory)	16 GB ECC Reg. DDR 200 SDRAM in 8 DIMM sockets (4-way interleaved memory)	16 GB ECC Reg. DDR 266/200 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDR 266/200 SDRAM in 8 DIMM sockets (2-way interleaved memory)
3 64-bit PCI-X 133/100MHz (full-height riser card installed)	3 64-bit PCI-X 133/100MHz (full-height riser card installed)	Total of 6 PCI-X slots (all are low-profile slots) Max. up to 2 64-bit PCI-X 133MHz Default setting: 3 64-bit, PCI-X 100MHz, 3 64-bit, PCI-X 66MHz	Total of 6 PCI-X slots (all are low-profile slots) Max. up to 2 64-bit PCI-X 133MHz Default setting: 3 64-bit, PCI-X 100MHz, 3 64-bit, PCI-X 66MHz
Dual-channel Ultra320 SCSI RAID 0, 1 supported	ATA/100 IDE	Adaptec® 7902 2-channel Ultra320 SCSI	Adaptec® 7902 2-channel Ultra320 SCSI
N/A	N/A	AOC-LPZCR1 or DAC-0008	AOC-LPZCR or DAC-0008
Dual LAN with Intel® 82546EB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546EB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546EB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546EB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
IPMI 2.0 socket, SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog	IPMI 1.5 socket, SUPER● Doctor III, Watch Dog	IPMI 1.5 socket, SUPER● Doctor III, Watch Dog
1.8 TB	1.8 TB	1.8 TB	1.8 TB
6 x 1" hot-swap Ultra320 SCSI SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay	6 fixed drive bays & 1 x 5.25" drive bay	6 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay	6 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay
1 slim CD-ROM drive	1 slim CD-ROM drive	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive
500W redundant w/I²C built-in	500W redundant w/I²C built-in	400W redundant	400W
4 x 8cm hot-swap redundant cooling fans & air shroud	4 x 8cm hot-swap redundant cooling fans & air shroud	4 x 8cm hot-swap redundant cooling fans	4 x 8cm hot-swap redundant cooling fans
2U Rackmount 424 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 424 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 424 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 424 x 89 x 650mm (16.8" x 3.5" x 25.6")

100% cooling redundancy

Super Quiet

SUPERMICRO®
Server
Solutions

	SuperServer 6034H-X8R	SuperServer 6033P-8R	SuperWorkstation 7034A-T2
PROCESSOR SUPPORT	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual Xeon™ up to 3.20GHz 533/400MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB
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	High-end workstation, business critical applications, front-end server, video server
OUTSTANDING FEATURES	100% cooling redundancy 8 SCA drive bays PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket Triple redundant 760W + 380W	8 SCA drive bays 6 PCI-X 133/100MHz 16 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 1.5 socket Triple redundant 760W + 380W	SuperQuiet Mode 4 SATA hot-swap drive bays PCI-X/PCI & PCI Express 12 GB DDRII 400 SDRAM Gigabit Ethernet port Front USB 2.0 ports 645W power supply
CHIPSET/SERVERBOARD™	Intel® E7520/ **SUPER®** X6DH8-XG2	Intel® E7501/ **SUPER®** X5DP8-G2	Intel® E7525/ **SUPER®** X6DAL-TB2
SYSTEM MEMORY (Max.)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDR266/200 SDRAM in 8 DIMM sockets (2-way interleaved memory)	12 GB ECC Reg. DDRII 400 SDRAM in 6 DIMM sockets (2-way interleaved memory)
EXPANSION SLOTS	3 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 1 PCI-Express x8 (using x16 slot)	Total of 6 PCI-X (all full-length) Max. up to 2 PCI-X 133MHz Default setting: 3 PCI-X 100MHz, 3 PCI-X 66MHz	1 PCI-Express x16 2 64-bit PCI-X 66MHz 2 PCI 33MHz
ONBOARD SCSI/SATA/IDE/ SATA RAID	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA RAID 0, 1 supported	Adaptec® 7902 2-channel Ultra320 SCSI	Marvell controller for 4 SATA Intel® 6300ESB controller for 2 SATA RAID 0, 1 supported
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-LPZCR1 or DAC-0008	AOC-LPZCR1 or DAC-0008	AOC-LPZCR1 or AOC-2020SA
ONBOARD LAN/VGA	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546EB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN w/ Broadcom 5721 PCI-Express Gigabit Ethernet
MANAGEABILITY	IPMI 2.0 socket, **SUPER®** Doctor III, Watch Dog	IPMI 1.5 socket, **SUPER®** Doctor III, Watch Dog	**SUPER®** Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	2.4 TB	2.4 TB	1.6 TB
DRIVE BAYS	8 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 2 x 5.25" drive bays	8 x 1" hot-swap Ultra320 SCSI SCA drive bays (SAF-TE compliant) & 2 x 5.25" drive bays	4 x 1" hot-swap Serial ATA drive bays & 2 x 5.25" drive bays
PERIPHERAL BAYS	1 floppy drive 1 slim CD-ROM drive	1 floppy drive 1 slim CD-ROM drive	1 floppy drive
POWER SUPPLY	Triple redundant power supply (760W + 380W) w/ I²C built-in	Triple redundant power supply (760W + 380W) w/ I²C built-in	645W w/ low-noise fan speed control
COOLING SYSTEM	4 x 9cm & 2 x 8cm hot-swap redundant cooling fans w/ optimal fan speed control & air shroud	4 x 9cm hot-swap redundant cooling fans	1 x 12cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fan*² w/ optimal fan speed control
FORM FACTOR	3U Rackmount 449 x 132 x 648mm (17.7" x 5.2" x 25.5")	3U Rackmount 449 x 132 x 648mm (17.7" x 5.2" x 25.5")	Workstation 178 x 434 x 544mm (7" x 17.1" x 21.4")

SuperWorkstation 7034A-i	SuperWorkstation 7033A-T	SuperServer 7044H-82R	SuperServer 7044H-82
Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual Xeon™ up to 3.20GHz 533/400MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB
High-end workstation, business critical applications, front-end server, video server	High-end workstation, business critical applications, front-end server, video server	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
SuperQuiet mode 4 fixed drive bays PCI-X/PCI & PCI-Express 12/24 GB DDR333/266 SDRAM Gigabit Ethernet port Front USB 2.0 ports 645W power supply	4 SATA hot-swap drive bays 1 8xAGP Pro 1.5V slots 2 Gigabit Ethernet ports Front side USB 2.0 ports Low-noise 450W power with redundant cooling fan	100% cooling redundancy 8 SCA drive bays PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket Triple redundant 760W + 380W	100% cooling redundancy 8 SCA drive bays PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket 650W redundant cooling fans
Intel® E7525/ SUPER● X6DAL-G	Intel® E7505/ SUPER● X5DAL-TG2	Intel® E7520/ SUPER● X6DH8-G2	Intel® E7520/ SUPER● X6DH8-G2
12/24 GB ECC Reg. DDR333/266 SDRAM in 6 DIMM sockets (2-way interleaved memory)	8 GB buffered & Unb. ECC, non-ECC DDR 266/200 SDRAM in 4 DIMMs (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)
2 64-bit PCI-X 66MHz 2 PCI 33MHz 1 PCI-Express x16 1 PCI-Express x8	1 8xAGP Pro 1.5V 1 64-bit PCI-X 133MHz 1 64-bit PCI 66MHz 2 32-bit PCI	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI-Express x4	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI-Express x4
Intel® 6300ESB controller for 2 SATA RAID 0, 1 supported	Two Silicon 3112A controllers support 4 SATA ports for 4 drives	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1
N/A	RAID 0, 1, 5 with Zero Channel RAID (ZCRINT) supported	AOC-LPZCR1 or DAC-0008	AOC-LPZCR1 or DAC-0008
Intel® 82541GI Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual LAN with Intel® 82546EB Gigabit Ethernet controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
SUPER● Doctor III, Watch Dog	SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog
1.2 TB	1.6 TB	2.4 TB	2.4 TB
4 x 3.5" fixed & 2 x 5.25" drive bays	4 x 1" hot-swap Serial ATA drive bays & 2 x 5.25" drive bay	8 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 3 x 5.25" drive bays	8 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 3 x 5.25" drive bays
1 floppy drive	1 floppy drive	1 floppy drive	1 floppy drive
645W w/ low-noise fan speed control	Thermal control low-noise 450W power supply w/ redundant cooling fan	Triple redundant power supply (760W + 380W) w/ I²C built-in	650W redundant cooling fans
1 x 12cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM)*² fan w/ optimal fan speed control	1 x 12cm exhaust thermal fan & 1 x 9cm thermal cooling fan	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/ optimal fan speed control & air shroud	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/ optimal fan speed control & air shroud
Workstation 178 x 447 x 531mm (7" x 17.6" x 20.9")	Workstation 178 x 447 x 531mm (7" x 17.6" 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")

*² Utilizing 4-pin Pulse Width Modulated (PWM) fans for extremely low-noise system operation.

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SUPERMICRO®
Server
Solutions

	SuperServer 7044H-TR	SuperServer 7044H-T	SuperServer 7044H-X8R
PROCESSOR SUPPORT	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB
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	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS
OUTSTANDING FEATURES	100% cooling redundancy 8 SATA drive bays PCI-X & PCI-Express 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket Triple redundant 760W + 380W	100% cooling redundancy 8 SATA drive bays PCI-X & PCI-Express 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket 650W redundant cooling fans	100% cooling redundancy 8 SCA drive bays PCI-X & PCI-Express 16GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket Triple redundant 760W + 380W
CHIPSET/SERVERBOARD™	Intel® E7520/ SUPER● X6DHT-G	Intel® E7520/ SUPER● X6DHT-G	Intel® E7520/ SUPER● X6DH8-XG2
SYSTEM MEMORY (Max.)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)
EXPANSION SLOTS	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI	3 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 1 PCI-Express x8 (using x16 slot)
ONBOARD SCSI/SATA/IDE/ SATA RAID	Marvell support for 8 SATA Intel® 6300ESB for 2 SATA; RAID 0, 1	Marvell support for 8 SATA Intel® 6300ESB for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-LPZCR1 or AOC-2020SA	AOC-LPZCR1 or AOC-2020SA	AOC-LPZCR1 or DAC-0008
ONBOARD LAN/VGA	Dual LAN with Intel® 82541GI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82541GI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
MANAGEABILITY	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	3.2 Terabytes	3.2 Terabytes	2.4 Terabytes
DRIVE BAYS	8 x 1" hot-swap Serial ATA drive bays & 3 x 5.25" drive bays	8 x 1" hot-swap Serial ATA drive bays & 3 x 5.25" drive bays	8 x 1" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 3 x 5.25" drive bays
PERIPHERAL BAYS	1 floppy drive	1 floppy drive	1 floppy drive
POWER SUPPLY	Triple redundant power supply (760W + 380W) w/I²C built-in	650W redundant cooling fans	Triple redundant power supply (760W + 380W) w/I²C built-in
COOLING SYSTEM	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/ optimal fan speed control & air shroud	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/ optimal fan speed control & air shroud	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/ optimal fan speed control & 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")

SuperServer 7044A-82R	SuperWorkstation 7044A-82	SuperWorkstation 7044A-i2	SuperWorkstation 7044A-8
Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB
Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS, 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 workstation, business critical applications, front-end server, database applications, video server
Up to 15 SCA drive bays PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports Front side USB ports ZCR RAID supported IPMI 2.0 socket Triple redundant 760W + 380W	SuperQuiet mode 8 SCA drive bays PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket Low-noise 645W w/fan speed control	SuperQuiet mode 8 fixed drive bays PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket Low-noise 645W w/fan speed control	SuperQuiet mode 8 SCA drive bays PCI-X & PCI-Express 16/32GB GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR RAID supported IPMI 2.0 socket Low-noise 645W w/fan speed control
Intel® E7525/ SUPER● X6DA8-G2	Intel® E7525/ SUPER● X6DA8-G2	Intel® E7525/ SUPER● X6DAE-G2	Intel® E7525/ SUPER● X6DA8-G
16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)
3 64-bit PCI-X 133/100MHz 1 PCI-Express x16 1 PCI-Express x4 (using x16 slot) 1 PCI 33MHz	3 64-bit PCI-X 133/100MHz 1 PCI-Express x16 1 PCI-Express x4 (using x16 slot) 1 PCI 33MHz	3 64-bit PCI-X 133/100MHz 1 PCI-Express x16 1 PCI-Express x4 (using x16 slot) 1 PCI 33MHz	3 64-bit PCI-X 133/100MHz 1 PCI-Express x16 1 PCI-Express x4 (using x16 slot) 1 PCI 33MHz
Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Intel® ICH5R for 2 SATA RAID 0, 1 supported	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1
AOC-LPZCR1 or DAC-0008	AOC-LPZCR1 or DAC-0008	N/A	AOC-LPZCR1 or DAC-0008
Dual LAN with Intel® 82546GB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual LAN with Intel® 82546GB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual LAN with Intel® 82546GB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Intel® 82545GM Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound
IPMI 2.0 socket, SUPER● Doctor 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, SUPER● Doctor III, Watch Dog
1.5 TB	2.4 TB	2.4 TB	2.4 TB
5 x 1" (up to 15 w/optional M35S) hot-swap Ultra320 SCSI SCA drive bays w/ SAF-TE compliant & 6 x 5.25"	8 x 1" hot-swap Ultra320 SCSI SCA drive bays (SAF-TE compliant) & 3 x 5.25"	8 x 3.5" fixed & 3 x 5.25"	8 x 1" hot-swap Ultra320 SCSI SCA drive bays & 3 x 5.25"
1 floppy drive	1 floppy drive	1 floppy drive	1 floppy drive
Triple redundant power supply (760W + 380W) w/I²C built-in	645W w/low-noise fan speed control	645W w/low-noise fan speed control	645W w/low-noise fan speed control
3 x 12cm hot-swap redundant cooling fans, 1 x 12cm heavy duty exhaust fan	4 x 4-pin Pulse Width Modulated (PWM) fans*2 &air shroud	4 x 4-pin Pulse Width Modulated (PWM) fans*2 & air shroud	4 x 4-pin Pulse Width Modulated (PWM) fans*2 & air shroud
4U Rackmount/Tower 437 x 178 x 625mm (17.2" x 7" x 24.6")	Workstation/4U 437 x 178 x 648mm (17.2" x 7" x 25.5")	Workstation/4U 437 x 178 x 648mm (17.2" x 7" x 25.5")	Workstation/4U 434 x 178 x 660mm (17.1" x 7" x 26")

*2 Utilizing 4-pin Pulse Width Modulated (PWM) fans for extremely low-noise system operation.

SUPERMICRO®
Server
Solutions

	SuperWorkstation 7044A-i	**SuperServer 7043P-8R**	**SuperWorkstation 7043A-i**
PROCESSOR SUPPORT	Dual 64-bit Xeon™ up to 3.60GHz 800MHz FSB	Dual Xeon™ up to 3.20GHz 533/400MHz FSB	Dual Xeon™ up to 3.20GHz 533/400MHz FSB
KEY APPLICATIONS	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	High-end workstation, business critical applications, front-end server, video server
OUTSTANDING FEATURES	SuperQuiet mode 8 fixed drive bays PCI-X & PCI Express 16/32 GB DDR333/266 SDRAM Front side USB ports IPMI 2.0 socket Low-noise 645W w/ fan speed control	4U Rackmountable tower design 10 SCA drive bays 16 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR RAID card supported IPMI 1.5 socket Front side USB ports Triple redundant 600W + 300W power supply	Workstation design 8xAGP Pro 1.5V slot 12 GB DDR SDRAM 1 Gigabit Ethernet port Front side USB 2.0 ports Low noise 450W power supply with redundant cooling fan
CHIPSET/SERVERBOARD™	Intel® E7525/ SUPER® X6DAE-G	Intel® E7501/ SUPER® X5DP8-G2	Intel® E7505/ SUPER® X5DAE
SYSTEM MEMORY (Max.)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDR266/200 SDRAM in 8 DIMM sockets (2-way interleaved memory)	12 GB ECC Reg & non-ECC or unbuffered DDR266 SDRAM in 6 DIMM sockets (2-way interleaved memory)
EXPANSION SLOTS	3 64-bit PCI-X 133/100MHz 1 PCI-Express x16 1 PCI Express x4 (using x16 slot) 1 PCI 33MHz	Total of 6 PCI-X (all full length) Max. up to 2 PCI-X 133MHz Default setting: 3 PCI-X 100MHz, 3 PCI-X 66MHz	1 8x AGP Pro 1.5V 1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 32-bit PCI
ONBOARD SCSI/SATA/IDE/ SATA RAID	Intel® ICH5R for 2 SATA RAID 0, 1 supported	Adaptec® 7902 2-channel Ultra320 SCSI	ATA/100 IDE
ZERO CHANNEL RAID (ZCR) SUPPORT	N/A	AOC-LPZCR1 or DAC-0008	N/A
ONBOARD LAN/VGA/AUDIO	Intel® 82545GM Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual Gigabit LAN with Intel® 82546EB Ethernet controller ATI® Rage XL 8 MB PCI graphics controller	Intel® 82545EM Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound
MANAGEABILITY	IPMI 2.0 socket, SUPER® Doctor III, Watch Dog	IPMI 1.5 socket, SUPER® Doctor III, Watch Dog	SUPER® Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	2.4 TB	3 TB	2.1 TB
DRIVE BAYS	8 x 3.5" fixed & 2 x 5.25"	10 x 1" dual-channel (5+5) hot-swap Ultra320 SCSI SCA drive bays (SAF-TE compliant) optional 15 x 1" drive bays	7 x 3.5" IDE drive bays
PERIPHERAL BAYS	1 floppy drive	1 floppy drive 2 x 5.25" drive bays	1 floppy drive 3 x 5.25" drive bays
POWER SUPPLY	645W w/ low-noise fan speed control	Triple redundant hot-swap power supply (600W + 300W)	Thermal control low noise 450W power supply w/ redundant cooling fan
COOLING SYSTEM	4 x 4-pin Pulse Width Modulated (PWM)*² fans w/ optimal fan speed control & air shroud	3 x 12cm hot-swap redundant cooling fans & 1 x 12cm heavy duty exhaust fan	1 x 9cm hot-swap low noise cooling fan 1 x 12cm low noise cooling fan
FORM FACTOR	Workstation/4U 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Tower/Workstation 178 x 437 x 625 mm (7 x 17.2" x 24.6")	Workstation/4U 178 x 437 x 620 mm (7 x 17.2" x 24.4")

SuperWorkstation 7043A-8R	SuperServer 7043L-8R	SuperServer 8042-8	SuperServer 8052-8
Dual Xeon™ up to 3.20GHz 533/400MHz FSB	Dual Xeon™ up to 3.20GHz 533/400MHz FSB	Quad Xeon™ MP up to 3.00GHz 400MHz FSB	Quad Xeon™ MP up to 3.00GHz 400MHz FSB
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	Mission critical applications, large database, e-business, Internet, on-line transaction processing	Mission critical applications, large database, e-business, Internet, on-line transaction processing
Workstation design 8xAGP Pro 1.5V slot 12 GB DDR SDRAM 1 Gigabit Ethernet port ZCR RAID card supported Front side USB 2.0 ports Triple redundant power supply (600W + 300W)	4U Rackmountable tower design 16 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR RAID card supported IPMI 1.5 socket Front side USB ports Triple redundant power supply (600W + 300W)	4-way interleaved memory 32 GB DDR SDRAM ZCR RAID card supported IPMI 1.5 socket Triple redundant hot-plug power supply (700W + 350W)	4-way interleaved memory 32 GB DDR SDRAM ZCR RAID card supported IPMI 1.5 socket Triple redundant hot-plug power supply (700W + 350W)
Intel® E7505/ SUPER● X5DA8	ServerWorks GC-LE/ SUPER● X5DLR-8GG	ServerWorks GC-HE/ SUPER● P4QH8	ServerWorks GC-HE/ SUPER● P4QH8
12 GB ECC Reg & non-ECC or unbuffered DDR266 SDRAM in 6 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDR266/200 SDRAM in 8 DIMM sockets (2-way interleaved memory)	32 GB ECC Reg. DDR200 SDRAM in 16 DIMM sockets (4-way interleaved memory)	32 GB ECC Reg. DDR200 SDRAM in 16 DIMM sockets (4-way interleaved memory)
1 8xAGP Pro 1.5V 1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 32-bit PCI	Total of 6 PCI-X slots Max. up to 3 64-bit PCI-X 133 MHz Default setting: 6 64-bit PCI-X 100 MHz	6 64-bit PCI-X 100 MHz	6 64-bit PCI-X 100 MHz
Adaptec® 7902 2-channel Ultra320 SCSI	Adaptec® 7902 2-channel Ultra320 SCSI	Adaptec® 7902 2-channel Ultra320 SCSI	Adaptec® 7902 2-channel Ultra320 SCSI
AOC-LPZCR1 or DAC-0008	AOC-SOZCR1 or DAC-0009	AOC-LPZCR1 or DAC-0008	AOC-LPZCR1 or DAC-0008
Intel® 82545EM Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Intel® 82540EM Gigabit Ethernet controller Broadcom 5703 Gigabit Ethernet controller ATI® Rage XL 8 MB PCI graphics controller	Intel® 82550 10/100 fast Ethernet controller ATI® Rage XL 8 MB PCI graphics controller	Intel® 82550 10/100 fast Ethernet controller ATI® Rage XL 8 MB PCI graphics controller
SUPER● Doctor III, Watch Dog	IPMI 1.5 socket, SUPER● Doctor III, Watch Dog	IPMI 1.5 socket, SUPER● Doctor III, Watch Dog	IPMI 1.5 socket, SUPER● Doctor III, Watch Dog
2.1 TB	2.1 TB	1.2 TB	3 TB
7 x 1" dual channel (3+4) hot-swap Ultra320 SCSI SCA drive bays (SAF-TE compliant)	7 x 1" dual channel (3+4) hot-swap Ultra320 SCSI SCA drive bays (SAF-TE compliant)	4 x1" hot-swap Ultra 320/160 SCSI SCA drive bays (SAF-TE compliant)	10 x1" dual channel (5+5) hot-swap Ultra 320/160 SCSI SCA drive bays (SAF-TE compliant)
1 floppy drive 3 x 5.25" drive bays	1 floppy drive 3 x 5.25" drive bays	1 floppy drive 1 slim CD-ROM drive	1 floppy drive 1 x 3.5" drive bay 3 x 5.25" drive bays
Triple redundant hot-swap power supply (600W + 300W)	Triple redundant hot-swap power supply (600W + 300W)	Triple redundant hot-swap power supply (700W + 350W)	Triple redundant hot-swap power supply (700W + 350W)
2 x 9cm hot-swap redundant cooling fans 1 x 12cm exhaust fan	2 x 9cm hot-swap redundant cooling fans 1 x 12cm exhaust fan	6 x 9cm hot-swap redundant cooling fans	8 x 9cm hot-swap redundant cooling fans 2 x 12cm exhaust fans
Workstation 178 x 437 x 620 mm (7" x 17.1" x 24.2")	4U Tower/Rackmount 437 x 178 x 620 mm (17.1"x 17.1"x 24.2")	4U Rackmount 445 x 177 x 665 mm (17.5" x 7" x 26.2")	Tower 381 x 506 x 580 mm (15" x 19.9" x 22.8")

24 hours / 365 days . . .

Technical Service from Supermicro to guarantee minimal downtime

All Supermicro servers are built with the highest quality components and the latest in technology to ensure maximum uptime. In our efforts to further assist you in realizing uninterrupted operations, our servers come with round-the-clock technical service to help keep them running 24/7, 365 days a year.

Our goal is to deliver high performance and exceptional high availability server solutions that meet the demands of today's 24-hour e-business world. Reliability and high availability are built into our servers with such standard features as triple redundant hot-plug power supplies, hot-swap SCA and SATA with RAID subsystems and redundant hot-plug system cooling fans. Our comprehensive system health monitoring software further maximizes server availability. We employ a detail-oriented approach to system design and validation that ensures stability and data integrity in all our server platforms. Our consistency in being the first to market with cutting-edge solutions based on the newest advances in server technology has earned us a reputation as being the technology leader in the IT industry and the loyalty of many high-profile customers. Take a moment to compare the computing density, advanced features and affordability of our solutions with the competition and see why Supermicro servers are the best choice for your business.

Supermicro servers support all major operating systems, such as Windows, Solaris, UNIX and various Linux-based operating systems.

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