

SuperServer 7044A-82R Specifications

Key Features

1. Dual Intel Xeon (Nocona) processor supported
2. Super X6DA8-G2 motherboard
3. Up to 16 GB ECC Reg. DDRII 400 SDRAM
4. Dual Intel Gigabit Ethernet controllers
5. 1 PCI-Express x16, 1 PCI-Express x4
(Dual x16 slots with one x16 and one x4 signal)
6. 1 PCI-X-133, 2 PCI-X-100, 1 PCI-33
7. Adaptec 7902 Ultra320 SCSI controller
8. Adaptec 2010S Zero channel RAID option
9. 5 x 1" hot-swap drive bays
(optional support up to 15 drive bays)
10. IPMI 2.0 support
11. 1 floppy drive bay & 5 x 5.25" drive bays
12. 3 x 12cm hot-swap cooling fans
& 1 x 12cm exhaust fan
13. Triple redundant 760W power supply



Shown with optional 10 HDD bays
and optional floppy drive
(5 HDD bays Standard)

Rear Panel



1. Triple Redundant 760W Power Supply
2. Keyboard, mouse
3. 2 USB ports
4. COM port
5. VGA port
6. LAN ports, Audio
7. Printer port
8. PCI-Express/PCI-X slots

Processor/Cache

Processor	Dual Intel® Xeon® processor with Extended Memory 64 Technology (EM64T)
System Bus	800MHz

Key Applications

High-end server/workstation, business critical applications, front-end server, video server

Chipset/Serverboard

Intel® E7525/Super X6DA8-G2

System Memory

Memory Capacity	Eight DIMM sockets for up to 16GB of ECC Reg. DDRII 400 SDRAM
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Expansion Slots

1 x16 PCI-Express, 1 x4 PCI-Express (with x16 slot), 1 PCI-X-133, 2 PCI-X-100, 1 PCI-33

SCSI/SATA

Adaptec 7902 dual channel Ultra320 SCSI host RAID controller with optional 2010S Zero channel RAID
On-chip 2 SATA ports

Integrated On-Board

LAN/Audio	Dual port Gigabit LAN with Intel® 82546GB Ethernet controller, High quality 6-channel AC'97 audio
USB/IDE	Up to 4 USB 2.0 ports, ATA/100

Front Panel

LED/Switch	Power status, HDD activity, two LAN link/activity, fan fail/OH LED indication, power switch, reset switch
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Drive Bays

5 x 1" SCA drive bays (optional up to 15 drive bays) with SAF-TE

Peripheral Bays

1 floppy drive bay with 2 front side USB & 5 x 5.25" drive bays

Management

SuperO Doctor III management software, Suspend to RAM, Watch Dog
IPMI 2.0 support

Power Supply

760W triple redundant power supply

Cooling System

3x 12cm hot-swp cooling fans & 1 x 12cm exhaust fan

Form Factor

4U rackmountable tower

Dimen./Weight	7" (178mm) x 17.1" (434mm) x 24.4" (620mm), 69lb. gross weight
Optional Kits	Rail Kit: CSE-PT26, Mobile Rack: CSE-M35S

For the most current product information, visit: www.supermicro.com