

SuperServer 6041G / 6041GB

Products ▶ Systems ▶ 4U ▶ [6041G / 6041GB]



Integrated Board



Super P3TDE6-G

Key Features

1. Dual Intel® Xeon® MP Support up to 1.4 GHz
2. Up to 4GB PC133/100 SDRAM
3. 6x 64-bit PCI expansion slots
4. 1x Intel® 82559 10/100 Ethernet Port
5. Zero Channel RAID Support
6. 4x 3.5" Hot-swap Ultra160 SCSI Drive Bays
7. Triple-Redundant 300W power supply

Available Colors:

Black



Beige



▶ Drivers & Utilities ▶ BIOS ▶ Tested Memory List ▶ Manuals

Note: Image above may show a varied configuration or optional parts. Please refer to parts list for standard parts included.

Specifications

Product SKUs

SYS-6041-G ■ SuperServer 6041G (Beige)

SYS-6041-GB ■ SuperServer 6041GB (Black)

Motherboard

Super P3TDE6-G

Processor/Cache

CPU • Dual FCPGA370 ZIF Sockets
• Supports an Intel® Pentium® III processor with 512KB of integrated Advanced Transfer Cache up to 1.4GHz

System Bus 133MHz/100MHz system bus

System Memory

Memory Capacity • Four 168-pin DIMM slots
• Supports up to 4 GB of PC133/100 memory

Memory Type • PC133/100 72-bit registered ECC SDRAM, 168-pin gold-plated DIMMs
• Dual channel memory bus
• Memory must be populated in pairs

DIMM Sizes 64 MB, 128 MB, 256 MB, 512 MB, 1 GB

Memory Voltage 3.3 V only

On-Board Devices

Chipset • Serverworks™ Serverset III HE-SL chipset
• NB-HE-SL + CSB5 + CIOB2

SCSI • Adaptec AIC-7899W Controller
• Dual-Channel Ultra160 SCSI

Network Controllers • 1x Intel® 82559 10/100 Ethernet
• Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output

Input / Output

AGP • 2x AGP Pro slot

PCI Expansion • 2x 64-bit 66/33MHz PCI (3.3V) slots
• 4x 64-bit 33MHz PCI (3.3V) slots

IDE • Dual EIDE channels support up to four UDMA IDE devices
• Supports UDMA/33

USB Up to B ports

Serial Ports 2 Fast UART 16550 serial ports

Parallel Port Port header provided; parallel cable required for parallel port

Floppy 1 Floppy controller; 1.44 MB, 2.88 MB, 3-mode support

Keyboard / Mouse PS/2 keyboard and mouse ports

System BIOS

BIOS Type 4Mb Flash EEPROM with AMI® BIOS

- Plug and Play (PnP)
- APM 1.2

Chassis

Form Factor • 4U Rackmountable Tower
• Optional Rackmount Kit (CSE-PT26)

Model **SC840**

Dimensions

Height 7.0" (178mm)

Width 17.5" (445mm)

Depth 26.2" (665mm)

Gross Weight 72 lbs (32.7kg)

Available Colors Beige, Black

Front Panel

Buttons • Power On/Off button
• System Reset button

LEDs • Power LED
• Hard drive activity LED
• 2x Network activity LEDs
• System Overheat LED
• Power Fail LED

Drive Bays

Hot-swap • 4x 3.5"SCA Ultra320/160 Hot-swap Drives

SCSI Backplane

1x SCA Ultra160 Backplane with GEM354

System Cooling

Fans • 4x 90mm Hot-swappable Fans
• 1x 90mm Hot-swappable Rear Exhaust Fan

Power Supply

2x 300W AC Hot-swappable power supply modules w/ PFC

AC Voltage • 100 - 240V, 47-63Hz, 7A/4A

DC Output • 100 - 240V, 47-63Hz, 7A/4A

+5V 30.0 amp

+5V standby 2.0 amp

-5V 0.3 Amp

+12V 25.0amp

-12V 0.8 amp

+3.3V 28.0 amp

PC Health Monitoring

CPU • Monitors for CPU Cores, +3.3V, +5, ±12V
• CPU Core auto-switching voltage regulator w/ auto-sense from 1.4V-3.5V
• Adjustable CPU clock frequency ratio settings (via BIOS)

FAN • Total of six 3-pin fan headers
• 4x fans with tachometer monitoring
• Status monitor with firmware/software on/off control

Temperature • Monitoring for CPU, chassis, environment

LED • CPU Overheat LED
• System Overheat LED

BIOS Features	• DMI 2.1	• Suspend-state indicator LED
	• PCI 2.2	• Chassis intrusion detection (through LDCM)
	• ACPI 1.0	• Chassis intrusion header
	• BIOS rescue hot keys	
	• Hardware BIOS virus protection	
	• USB Keyboard support	

Parts List

Parts List - (Items Included)			
	Part Number	Qty	Description
Motherboard / Chassis	MBD-P3TDE6-G-O	1	Super P3TDE6-G Motherboard
	CSE-0034	1	4U SC840 Chassis (Beige)
	CSE-0034B	1	4U SC840 Chassis (Black)
Power Supply	PWS-0018(B)	2	SP302-T Triple Redundant 300W power supply modules
Peripheral Drives	FPD-PNSC-02 (01)	1	Panasonic 3.5" 1.44MB Floppy Drive
	CDM-TEAC-24(B)	1	Slim 24x TEAC CD-ROM Drive
	CDM-CDSC	1	Slim CD-ROM Adapter
Video	VGA-0019	1	ATI Xpert98 XL 8MB AGP Video Card
SCA	CSE-PT10(B)	4	SCA drive tray for SC8042
	CSE-SCA-003	1	SCAR4U SCA SCSI Backplane for 4U Chassis
Fan(s)	FAN-0034	1	90mm Rear Exhaust Fan for SC8042
	FAN-0049	4	90mm Front Hot Swappable Fan
Mounting Rails	CSE-PT26L	1	4U Chassis Mounting Rail
Rear I/O	CSE-PT2	1	I/O Shield for Single LAN and Sound
Cable(s)	CBL-0028	1	30" 2-Drop Ultra320 SCSI Cable
	CBL-0029	1	30" 2-Drop Ultra320 SCSI Cable, to External
Front Panel	CSE-PT6	1	Front Panel Control Board
Heatsink	FAN-0040	2	Pentium® III CPU Heatsink