


SuperServer 5025M4+ / 5025M4+B

[Products](#) | [Systems](#) | [2U](#) | [5025M-4+ / 5025M-4+B](#)



Integrated Board

Super PDSM+

Key Features

- Xeon® 3200/3000 Series, Pentium® D, Pentium 4, Pentium Extreme Edition, & Celeron D in LGA775 Package (FSB 1066/800/533)
- Up to 8GB unbuffered ECC / nonECC DDR2 667/533 SDRAM
- 1 (x4) & 1 (x8) PCIExpress
2x 64-bit 133MHz PGK
2x 64-bit 100MHz PGK
- Intel® 82573V + Intel® 82573L PCIe Gigabit Controllers (2x LAN Ports)
- 6 x 3.5" Hot-swappable U320 SCSI Drive Bays
- 550W Power Supply

Available Colors: Black Beige

[Drivers & Utilities](#) | [BIOS](#) | [Tested Memory List](#) | [Manuals](#)

Specifications

<p>Product SKUs</p> <ul style="list-style-type: none"> SYS-5025M-4+ SuperServer 5025M-4+ (Beige) SYS-5025M-4+B SuperServer 5025M-4+B (Black) <p>Motherboard</p> <p>Super PDSM+</p> <p>Processor/Cache</p> <ul style="list-style-type: none"> Single LGA775 ZIF Socket Supports an Intel® Xeon® 3200 Series quad-core processor Supports an Intel® Xeon® 3000 Series (Core) dual-core processor Supports an Intel® Pentium® D dual-core processor Supports an Intel® Pentium® Extreme Edition processor Supports an Intel® Pentium® 4 processor Supports an Intel® Celeron® D processor Hyper-Threading (HT) capable <p>CPU</p> <ul style="list-style-type: none"> Supports an Intel® Pentium® Extreme Edition processor Supports an Intel® Pentium® 4 processor Supports an Intel® Celeron® D processor Hyper-Threading (HT) capable <p>System Bus</p> <ul style="list-style-type: none"> 1066 / 800 / 533 MHz system bus <p>System Memory</p> <ul style="list-style-type: none"> Four 240-pin DIMM sockets Supports up to 8 GB of memory (Single / Dual Channel) <p>Memory Capacity</p> <ul style="list-style-type: none"> Four 240-pin DIMM sockets Supports up to 8 GB of memory (Single / Dual Channel) <p>Memory Type</p> <ul style="list-style-type: none"> DDR2 667/533MHz unbuffered, ECC / non-ECC SDRAM, 2xpin gold-plated DIMMs <p>DIMM Sizes</p> <ul style="list-style-type: none"> 256 MB, 512 MB, 1 GB, 2GB <p>Memory Voltage</p> <ul style="list-style-type: none"> 1.8V only <p>On-Board Devices</p> <ul style="list-style-type: none"> Intel 3010 (MxIte2P) chipset ICH7R + PXH + Intel 82573V + Intel 82573L Adaptec AC-7901 Single-channel U320 SCSI Controller Host RAID 0, 1, 5, 10 Supported Support for Zero-Channel RAID with Supremicro All-In-One-ZCR Card: AOC-LPZCR1 or AOC-LPZCR2 Optional: (Card NOT included) Support for Intelligent Platform Management Interface v. 2.0 IPMI 2.0 with virtual media over LAN & optional KVMover-LAN support SHMLC Slot Supremicro Intelligence Management (Optional: AOC-SIM1U) <p>IPMI</p> <ul style="list-style-type: none"> 2x Single-port Gigabit PCIe Express Ethernet Controllers Intel® 82573V + Intel® 82573L Supports 10BASE-T, 100BASE-T, 1000BASE-T, RJ45 output <p>Network Controllers</p> <ul style="list-style-type: none"> On-board ATI ES1000 (16MB) graphics <p>VGA</p> <ul style="list-style-type: none"> Winbond 83627HG + W82793 chip <p>Super I/O</p> <ul style="list-style-type: none"> CK410 <p>Clock Generator</p>	<p>Chassis</p> <p>Form Factor 2U Rackmount</p> <p>Model SC823S-550LP</p> <p>Dimensions</p> <p>Height 3.5" (89mm)</p> <p>Width 16.8" (426mm)</p> <p>Depth 25.6" (650mm)</p> <p>Gross Weight 55 lbs (24.9kg)</p> <p>Available Colors Beige, Black</p> <p>Front Panel</p> <p>Buttons</p> <ul style="list-style-type: none"> Power On/Off button System Reset button <p>LEDs</p> <ul style="list-style-type: none"> Power LED Hard drive activity LED 2x Network activity LEDs System Overheat LED <p>Expansion Slots</p> <p>PCI-Express</p> <ul style="list-style-type: none"> 1 (x8) PCIe slot 1 (x4) PCIe slot <p>PCI-X</p> <ul style="list-style-type: none"> 2x 64-bit 133MHz PGK (3.3V) slots 2x 64-bit 100MHz PGK (3.3V) slots <p>Drive Bays</p> <p>Hot-swap 6x 3.5" SCA Hot-swap drive trays</p> <p>Peripheral Bay(s) 1x 5.25" peripheral bay</p> <p>SCSI Backplane</p> <p>1x 2U Ultra320 SCSI backplane w/ SAFTe</p> <p>Peripheral Drives</p> <p>Floppy 3.5" 1.44MB Floppy Drive</p> <p>CD-ROM Slim 24x CDROM drive</p> <p>System Cooling</p> <p>Fans 4x 80mm 6300 RPM fans</p> <p>Power Supply</p> <p>550W power supply with PFC [24-pin, (8-pin, 4-pin)=12V]</p> <p>AC Voltage 100 - 240V, 47-63Hz, 93.5 Amp</p> <p>DC Output +5V & +3.3V : Max = 50A</p> <p>+5V 35.0 Amp</p> <p>+5V standby 2.0 Amp</p> <p>-5V 0.8 Amp</p> <p>+12V 42.0 Amp</p> <p>-12V 1.0 Amp</p> <p>+3.3V 30.0 Amp</p> <p>PC Health Monitoring</p> <ul style="list-style-type: none"> Monitors for CPU Cores (+1.5V, +1.8V, +3.3V, +5, +12V, +5V Standby, VBAT) CPU Core 8Phase-switching voltage regulator with auto-sense from 0.3750V-1.6000V <p>CPU</p> <ul style="list-style-type: none"> Total of six 4-pin fan headers 6x fans with tachometer monitoring Status monitor with firmware / software speed control Status monitor for over/under control Support 3-pin fans (with speed control) Low noise fan spaced control Pulse Width Modulated (PWM) fan connector <p>FAN</p> <ul style="list-style-type: none"> Monitoring for CPU and chassis environment CPU Thermal Trip support Thermal Monitor (TM2) Support CPU / System Overheat LED Standby alert LED Suspend-state indicator LED <p>Temperature</p> <ul style="list-style-type: none"> Chassis intrusion detection Chassis intrusion header <p>LED</p> <p>Other Features</p> <ul style="list-style-type: none"> Chassis intrusion detection Chassis intrusion header
--	---

Parts List

Parts List - (Items Included)			
	Part Number	Qty	Description
Motherboard / Chassis	MBOPDSM4+0	1	Super PDSM+ Motherboard
	CSE-823S-550LP(B)	1	2U SC823S550LP Chassis (B = Black)
	CBL-033L-U320	1	9" Two-drop SCSI Ultra320 Cable
Cable(s)	CBL-0049L	1	Front Panel Control Cable
	CBL-0062L	1	8-pin Power Extension Cable
	CBL-0051	1	Floppy Cable
	CBL-0181L	1	2-pin Chassis Intrusion Extension Cable
Drive Bay(s)	CSEPT41L(B)	1	5.25" Drive Bay (B = Black)
Fan(s)	FAN-0070	4	Hot-swappable Chassis Cooling Fan
Hard Drive	CSEPT17L(B)	6	1" drive carrier tray
	CSES-CA-822S	1	SCSI Hard Drive Backplane with SAFTe
Manual	MNL-0878	1	User's Manual for 5025M4+ / 5025M4+
Mounting Rails	CSEPT25	1	2U Chassis Mounting Rails
Peripheral Drives	FPDPNSG02 (01)	1	Panasonic 3.5" 1.44MB Floppy Drive (01 = Black)
	CDM1E4D24(B)	1	Slim 24x TEAC CDROM Drive (B = Black)
Power	PWS0047	1	SP552-2C 550W Power Supply
Optional Parts List			
	Part Number	Qty	Description
Heatsink / Retention	SNK-P0015A4	-	Please refer to our Thermal Components Matrix