

Products ▶ Systems ▶ 2U ▶ **5025M-i+ / 5025M-i+B**]



Available Colors:

Black

Beige

▶ Drivers & Utilities

▶ BIOS

▶ Tested Memory List

▶ Manuals

Key Features

1. Xeon® 3200/3000 Series, Pentium® D, Pentium 4, Pentium Extreme Edition, & Celeron D in LGA775 Package (FSB 1066/800/533)

2. Up to 8GB unbuffered ECC / non-ECC DDR2 667/533 SDRAM

3. 1 (x4) & 1 (x8) PCI-Express
2x 64-bit 133MHz PCI-X
2x 64-bit 100MHz PCI-X

4. Intel® 82573V + Intel® 82573L PCI-e Gigabit Controllers (2x LAN Ports)

5. 2x IDE Drive Carrier (Capacity of 3 Hard Drives each)

6. 550W Power Supply

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

Specifications	
Product SKUs	
SYS-5025M-i+	▪ SuperServer 5025M-i+ (Beige)
SYS-5025M-i+B	▪ SuperServer 5025M-i+B (Black)
Motherboard	
Super PDSME+	
Processor/Cache	
CPU	▪ Single LGA775 ZIF Socket
	▪ Supports an Intel® Xeon® 3200 Series quad-core processor
	▪ Supports an Intel® Xeon® 3000 Series (Conroe) dual-core processor
	▪ Supports an Intel® Pentium® D dual-core processor
	▪ Supports an Intel® Pentium® Extreme Edition processor
	▪ Supports an Intel® Pentium® 4 processor
System Bus	
1066 / 800 / 533 MHz system bus	
System Memory	
Memory Capacity	▪ Four 240-pin DIMM sockets
	▪ Supports up to 8 GB of memory (Single / Dual Channel)
Memory Type	▪ DDR2 667/533MHz unbuffered, ECC / non-ECC SDRAM, 240-pin gold-plated DIMMs
DIMM Sizes	▪ 256 MB, 512 MB, 1 GB, 2GB
Memory Voltage	▪ 1.8V only
On-Board Devices	
Chipset	▪ Intel 3010 (Mukilteo-2P) chipset
	▪ ICH7R + PXH + Intel® 82573V + Intel® 82573L
Serial ATA	▪ Intel® ICH7R SATA controller built-in (3 Gbps)
	▪ RAID 0, 1, 5, 10 support (Windows Only)
	▪ RAID 0, 1, 10 support (Linux)
IPMI	▪ Support for Intelligent Platform Management Interface v.2.0
	▪ IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN support
	▪ SIMIU Slot - Supermicro Intelligement Management (Optional: AOC-SIMIU+)
Network Controllers	▪ 2x Single-port Gigabit PCI-Express Ethernet Controllers
	▪ Intel® 82573V + Intel® 82573L
VGA	▪ On-board ATI ES1000 (16MB) graphics
Super I/O	▪ Winbond 83627HG chip
Clock Generator	▪ CK410
Input / Output	
Serial ATA	▪ Four Serial ATA ports (3 Gbps performance)
	▪ Four SATA hard drives supported
IDE	▪ One EIDE channel supports up to two UDMA IDE devices
	▪ Supports UDMA Mode 5, PIO Mode 4, and ATA/100
Floppy	▪ 1 Floppy controller; 1.44 MB
LAN	▪ 2x RJ45 LAN ports
USB	▪ Up to 4x USB 2.0 / 1.1 compliant ports
	▪ 2 rear ports
VGA	▪ 1x VGA port
Keyboard / Mouse	▪ PS/2 keyboard and mouse ports
Serial Ports	▪ 1x Fast UART 16550 serial port
	▪ 1x internal header
Parallel Port	▪ 1x internal header for ECP / EPP parallel port
System BIOS	
BIOS Type	▪ 8Mb Flash EEPROM with Phoenix BIOS®
	▪ Plug and Play (PnP)
BIOS Features	▪ DMI 2.3 support
	▪ PCI 2.2
	▪ ACPI 1.0
	▪ SMBIOS 2.3
	▪ USB Keyboard support
Chassis	
Form Factor	2U Rackmount
Model	SC823i-550LP
Dimensions	
Height	3.5" (89mm)
Width	16.8" (426mm)
Depth	25.6" (650mm)
Gross Weight	55 lbs (24.9kg)
Available Colors	Beige, Black
Front Panel	
Buttons	▪ Power On/Off button
	▪ System Reset button
LEDs	▪ Power LED
	▪ Hard drive activity LED
Expansion Slots	
PCI-Express	▪ 1 (x4) PCI-e slot
	▪ 1 (x8) PCI-e slot
PCI - X	▪ 2x 64-bit 133MHz PCI-X (3.3V) slots
	▪ 2x 64-bit 100MHz PCI-X (3.3V) slots
Drive Bays	
Internal	2x Internal 3-Hard Drive carriers (for total of 6 HDD support)
Peripheral Bay(s)	1x 5.25" full-height peripheral bay
Peripheral Drives	
Floppy	Panasonic 3.5" 1.44MB Floppy Drive
CD-ROM	Slim 24x CD-ROM Drive
System Cooling	
Fans	4x 80mm 6300 RPM fans
Power Supply	
550W power supply with PFC [24-pin, (8-pin, 4-pin)=12V]	
AC Voltage	▪ 100 - 240V, 47-63Hz, 9/3.5 Amp
DC Output	▪ +5V & +3.3V : Max = 50A
+5V	▪ 35.0 Amp
+5V standby	▪ 2.0 Amp
-5V	▪ 0.8 Amp
+12V	▪ 42.0 Amp
-12V	▪ 1.0 Amp
+3.3V	▪ 30.0 Amp
PC Health Monitoring	
CPU	▪ Monitors for CPU Cores (+1.5V, +1.8V, +3.3V, +5, ±12V, +5V Standby, VBAT)
	▪ CPU Core 3-Phase-switching voltage regulator with auto-sense from 0.3750V-1.6000V
FAN	▪ Total of six 4-pin fan headers
	▪ 6x fans with tachometer monitoring
	▪ Status monitor with firmware / software speed control
	▪ Status monitor for on/off control
	▪ Support 3-pin fans (with speed control)
Temperature	▪ Monitoring for CPU and chassis environment
	▪ CPU Thermal Trip support
LED	▪ CPU / System Overheat LED
	▪ Standby alert LED
Other Features	▪ Suspend-state indicator LED
	▪ Chassis intrusion detection
PC Health Monitoring	
CPU	
FAN	
Temperature	
LED	
Other Features	

Parts List			
Parts List - (Items Included)			
Part Number		Qty	Description
Motherboard / Chassis	MBD-PDSME+-O	1	Super PDSME+ Motherboard
	CSE-823i-550LP(B)	1	2U SC823i-550LP Chassis (B = Black)
Cable(s)	CBL-0044L	4	SATA Cable
	CBL-0049L	1	Front Panel LED Ribbon Cable
	CBL-0062L	1	8-pin Power Extension Cable
	CBL-0082L	1	SATA Power Cable
	CBL-0051	1	Floppy Cable
	CBL-0181L	1	2-pin Chassis Intrusion Extension Cable
Fan(s)	FAN-0070	4	Hot-swappable Chassis Cooling Fan
Drive Bay(s)	CSE-PT41L(B)	1	5.25" Drive Bay (B = Black)
Hard Drive Carrier	CSE-PT18L(B)	2	Hard Drive Carrier
Manual	MNL-0878	1	User's Manual for 5025M-4+ / 5025M-i+
Mounting Rails	CSE-PT25	1	2U Chassis Mounting Rails
Peripheral Drives	FPD-PNSC-02 (01)	1	Panasonic 3.5" 1.44MB Floppy Drive (01 = Black)
	CDM-TEAC-24(B)	1	Slim 24x TEAC CD-ROM Drive (B = Black)
Power Supply	PVVS-0047	1	SP552-2C 550W Power Supply
Optional Parts List			
Part Number		Qty	Description
Heatsink / Retention	SNK-P0015A4	-	▪ Please refer to our Thermal Components Matrix