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SuperServer 5016I-MT

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

Specifications

Product SKUs	
SYS-5016I-MT	SuperServer 5016I-MT (Black)
Motherboard	
Super X8SIE	
Processor/Cache	
CPU	- LGA 1156 Socket - Intel® Xeon® X3400 series - Intel® Xeon® L3400 series - Intel® Core™ i3 - Intel® Pentium® G6950 - Intel® Celeron® G1101
System Memory	
Memory Capacity	6x 240-pin DDR3 DIMM sockets - Supports up to 48 GB DDR3 ECC Registered memory (RDIMM) in 6 DIMM sockets - Supports up to 16 GB DDR3 ECC Un-Buffered memory (UDIMM) in 4 DIMM sockets 1333 / 1066 / 800 MHz - Dual Core processors of C13 and Pentium: support ECC UDIMM only - Note: Supports 1-Gb and 2-Gb x8 devices only - Intel 3420 / 3400 Chipset Memory Requirements
Memory Type	1333 / 1066 / 800 MHz ECC Registered / ECC Unbuffered DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs
DIMM Sizes	1GB, 2GB, 4GB, 8GB
Memory Voltage	1.5 V
Error Detection	- Corrects single-bit errors - Detects double-bit errors (using ECC memory)
On-Board Devices	
Chipset	Intel® 3400 chipset
SATA	6x SATA (3 Gbps) - RAID 0, 1, 5, 10 support (Windows) - RAID 0, 1, 10 support (Linux)
Network Controllers	2x Intel® 82574L Gigabit Ethernet Controllers - Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
VGA	Matrox G200eW 16MB DDR2
Super I/O	Winbond 83627DHG-P
Clock Generator	CK505
Expansion Slots	
PCI-Express	1 (x16) PCI-E 2.0 slot via riser card
Input / Output	
Serial ATA	4 SATA hard drives supported
LAN	2x RJ45 LAN ports
USB	2x USB rear ports 2x USB on-board 2x USB internal header (4 ports) - Total 8 USB 2.0 Compliant
VGA	1x VGA port
Keyboard / Mouse	PS/2 keyboard and mouse ports
Serial Port / Header	1x Fast UART 16550 serial port 1x internal header
System BIOS	
BIOS Type	32Mb SPI Flash EEPROM with AMI BIOS
BIOS Features	- DMI 2.3 - PCI 2.2 - ACPI 1.0 / 2.0 - USB Keyboard support - SMBIOS 2.3
Chassis	
Form Factor	1U Rackmount
Model	CSE-813MTQ-280C
Dimensions	
Height	1.7" (43mm)
Width	17.2" (437mm)
Depth	19.8" (503mm)
Gross Weight	38 lbs (17.2kg)
Available Colors	Black
Front Panel	
Buttons	- Power On/Off button - System Reset button
LEDs	- Power LED - Hard drive activity LED 2x Network activity LEDs - System Overheat / Fan Fail LED
Ports	2x Front USB Ports 1x Serial COM Port
Drive Bays	
Hot-swap	4x 3.5" SAS / SATA Hot-swap drive bays
System Cooling	
Fans	4x Cooling Fans
Power Supply	
280W AC power supply w/ PFC	
AC Voltage	100 - 240V, 50 - 60Hz, 5Amp
+5V	18 Amp
+5V standby	2 Amp
+12V	23Amp @ 100-140V, 27Amp @ 180-240V
-12V	1.0 Amp
+3.3V	15 Amp
PC Health Monitoring	
CPU	- Monitors for CPU Cores, +1.8V, +3.3V, +5V, ±12V, +3.3V Standby, +5V Standby, VBAT, HT, Memory, Chipset Voltages. 5-Phase-switching voltage regulator with auto-sense from 0.8375V-1.60V
FAN	- Total of 5 fan headers supporting up to 5 fans - Five 4-pin fan headers 5x fans with tachometer status monitoring - Status monitor for speed control - Status monitor for on/off control - Support 3-pin fans (w/o speed control) - Low noise fan speed control - Pulse Width Modulated (PWM) fan connectors
Temperature	- Monitoring for CPU and chassis environment - CPU thermal trip support - FC temperature sensing logic - Thermal Monitor 2 (TM2) support - PECI
LED	- CPU / System Overheat LED +5V Standby alert LED
Other Features	- Chassis intrusion detection - Chassis intrusion header
Operating Environment / Compliance	
RoHS	RoHS Compliant 6/6, Pb Free
Environmental Spec.	- Operating Temperature: 10°to 35°C (50°to 95°F) - Non-operating Temperature: -40°to 70°C (-40°to 158°F) - Operating Relative Humidity: 8% to 90% (non-condensing) - Non-operating Relative Humidity: 5 to 95% (non-condensing)

Parts List

Parts List - (Items Included)			
	Part Number	Qty	Description
Motherboard / Chassis	MBD-X8SIE	1	Super X8SIE Motherboard
	CSE-813MTQ-280C	1	1U Chassis
Backplane	BPN-SAS-815TQ-O-P	1	BPN-SAS-815TQ-O-P
Cable 1	CBL-0157L	1	8pin to 8pin ribbon cable with tube for SGPIO, 40cm, PBF
Cable 2	CBL-0186L	1	SATA SET OF 4-56/45.5/35/23CM ROUND S-RA
Cable 3	CBL-0341L	1	1CH internal 10P to 4P USB 2.0 cable for LCD,DVD, 70cm
Peripheral Drive 1	CDM-USATA-G-O-P	1	mini-SATA to USB adapter for slim DVD
Peripheral Drive 2 ***	DVM-PNSC-DVD-SBT1	1	BLACK PANASONIC SLIM DVD ROM SATA DRIVE
Peripheral Drive 3 ***	DVM-TEAC-DVD-SBT1	1	BLACK TEAC SLIM DVD ROM SATA DRIVE ROHS
CD	CDR-X8-UP	1	DRIVER CD FOR X8 UP MOTHERBOARD
Riser Card	RSC-RR1U-E16	1	RSC-RR1U-E16 with PCI-E x16 output
Heatsink / Retention	SNK-P0046P	1	1U PASSIVE CPU HS FOR INTEL LGA1156
Power Supply	PWS-281-1H	1	AC TO DC HIGH EFFICIENCY 280W PWS
Cable 4	CBL-0049L	1	Front ctrl cable 16 PIN TO 16 PIN, LF, Flat (L=54cm)
Cable 5	CBL-0051L	1	ROUND FLOPPY CABLE 60CM FOR 5013S, LF
Fan 1	FAN-0061L4	4	40X28MM 4-PIN PWM FAN FOR SC813
Drive Tray(s)	MCP-220-00093-0B	4	Black 3.5
Mounting Rails	CSE-PT52	1 set	THIRD GENERATION GUIDE RAIL ASSY. Outer slides extendable length: 26" to 33.5"

Note: *** Only 1 drive is included, these items (****) are interchangeable

Optional Parts List			
	Part Number	Qty	Description
Front Bezel	CSE-PTFB-813	-	1U Front Bezel Cover