

SuperServer 6017B-MTRF



Integrated Board



Super X9DBL-iF

Available Colors:

Black



Key Features

1. Dual socket B2 (LGA 1356) supports Intel® Xeon® processor E5-2400
2. Up to 192GB DDR3 1600MHz ECC R/LRDIMM; 6x DIMM sockets
3. 1 PCI-E 3.0 x16 Expansion slot (FHFL)
4. Intel® 82574L GbE LAN, 2 ports
5. 4x Hot-swap 3.5" SATA HDD Bays
6. 400W Redundant Power Supplies
Optional Battery Backup Power
7. 1U Short Depth - 19.8" (503mm)

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

Specifications

Product SKUs

SYS-6017B-MTRF	<ul style="list-style-type: none"> ▪ SuperServer 6017B-MTRF (Black)
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Motherboard

Super X9DBL-iF

Processor/Cache

CPU	<ul style="list-style-type: none"> ▪ Intel® Xeon® processor E5-2400 (50W to 95W) ▪ Dual Socket B2 (LGA 1356)
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Cache	<ul style="list-style-type: none"> ▪ Up to 20MB
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System Bus	<ul style="list-style-type: none"> ▪ QPI up to 8 GT/s
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System Memory

Memory Capacity	<ul style="list-style-type: none"> ▪ 6x 240-pin DDR3 DIMM sockets ▪ Supports up to 192 GB DDR3 ECC Registered memory (R/LRDIMM) ▪ Supports up to 48 GB DDR3 ECC Un-Buffered memory (UDIMM)
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Memory Type	<ul style="list-style-type: none"> ▪ 1600/1333/1066/800MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs
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DIMM **Gigabyte** 2GB, 16GB, 8GB, 4GB, 2GB, 1GB

Chassis

Form Factor	<ul style="list-style-type: none"> ▪ 1U Rackmount
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Model	<ul style="list-style-type: none"> ▪ <u>CSE-813MTQ-R400CB</u>
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Dimensions

Width	<ul style="list-style-type: none"> ▪ 17.2" (437mm)
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Height	<ul style="list-style-type: none"> ▪ 1.7" (43mm)
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Depth	<ul style="list-style-type: none"> ▪ 19.8" (503mm)
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Gross Weight	<ul style="list-style-type: none"> ▪ 36 lbs (18.1kg)
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Available Colors	<ul style="list-style-type: none"> ▪ Black
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Front Panel

Buttons	<ul style="list-style-type: none"> ▪ Power On/Off button ▪ System Reset button ▪ UID button
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LEDs	<ul style="list-style-type: none"> ▪ Power status LED ▪ HDD activity LED ▪ 2x Network activity LEDs ▪ Universal Information (UID) LED
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Expansion Slots

PCI-Express	<ul style="list-style-type: none"> ▪ 1x PCI-E 3.0 x16 Full-height Half-length
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Memory Voltage	<ul style="list-style-type: none"> 1.5 V, 1.35 V
Error Detection	<ul style="list-style-type: none"> Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices	
Chipset	<ul style="list-style-type: none"> Intel® C602 chipset
SATA	<ul style="list-style-type: none"> SATA 2.0 3Gbps with RAID 0, 1, 5, 10 SATA 3.0 6Gbps with RAID 0, 1, 5, 10
IPMI	<ul style="list-style-type: none"> Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support Nuvoton WPCM450 BMC
Network Controllers	<ul style="list-style-type: none"> Intel® 82574L Gigabit Ethernet Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output 1x Realtek RTL8201F PHY (dedicated IPMI)
Graphics	<ul style="list-style-type: none"> Matrox G200eW
Input / Output	
LAN	<ul style="list-style-type: none"> 2x RJ45 Gigabit Ethernet LAN ports 1x RJ45 Dedicated IPMI LAN port
USB	<ul style="list-style-type: none"> 7x USB 2.0 ports total (2 rear + 4 via header + 1 Type A)
VGA	<ul style="list-style-type: none"> 1x VGA port
Serial Port / Header	<ul style="list-style-type: none"> 2x Fast UART 16550 ports / 1 rear and 1 header

Drive Bays	
Hot-swap	<ul style="list-style-type: none"> 4x Hot-swap 3.5" SATA HDD trays
SATA Backplane	
1U SATA HDD Backplane	
System Cooling	
Fans	<ul style="list-style-type: none"> 4x 4cm 12,500 RPM PWM fans
Power Supply	
400W (1+1) Redundant SuperCompact Short-depth AC-DC Gold-level power supply with PMBus and I2C	
AC Input	<ul style="list-style-type: none"> 400W: 100-240 V, 50-60 Hz, 6-3 Amp
DC Output +5V standby	<ul style="list-style-type: none"> 3 Amp
DC Output +12V	<ul style="list-style-type: none"> 33 Amp
With Power Distributor	<ul style="list-style-type: none"> +5V: 25 Amp +3.3V: 25 Amp -12V: 0.6 Amp
System BIOS	
BIOS Type	<ul style="list-style-type: none"> 64Mb SPI Flash EEPROM with AMI BIOS
BIOS Features	<ul style="list-style-type: none"> Plug and Play (PnP) APM 1.2 PCI 2.3 ACPI 1.0 / 2.0 / 3.0 / 4.0 BIOS rescue hot keys USB Keyboard support SMBIOS 2.7.1 UEFI
Operating Environment / Compliance	
RoHS	<ul style="list-style-type: none"> RoHS Compliant
Environmental Spec.	<ul style="list-style-type: none"> Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -40°C to 70°C (-40°F 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-X9DBL-iF	1	Super X9DBL-iF Motherboard
	CSE-813MTQ-R400CB	1	1U Chassis
Backplane	BPN-SAS-815TQ-O-P	1	BPN-SAS-815TQ-O-P
Cable 1	CBL-0157L	1	8 pin to 8 pin ribbon SGPIO cable with tube , 40cm, PBF
Cable 2	CBL-0186L	1	SET OF 4 SATA 56/45.5/35/23CM ROUND S-RA. 26AWG
Riser Card	RSC-RR1U-E16	1	RSC-RR1U-E16 with PCI-E x16 output
Heatsink / Retention	SNK-P0037P	1	1U PASSIVE CPU HS FOR INTEL LGA1366 (HTP)
Heatsink / Retention	SNK-P0041	1	1U PASSIVE CPU HS FOR X8DTL MB (must be placed on FRONT CPU)
Power Supply	PWS-406P-1R	2	1U 400W Redundant Short Depth Power Supply
Air Shroud	MCP-310-19009-0N	1	SC811, SC111, SC813M, SC113M, SC512F-280/350/410/520/600, SC513L-410/420, DP X9DBL ,X9 Mylar Air Shroud, 12"x 10" MB