

SuperServer 6017B-MTLF



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. 350W High-efficiency Power Supply
Gold Level Certified
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-MTLF**
- SuperServer 6017B-MTLF (**Black**)

Motherboard

Super X9DBL-iF

Processor/Cache

- CPU**
- Intel® Xeon® processor E5-2400 (50W to 95W)
 - Dual Socket B2 (LGA 1356)

- Cache**
- Up to 20MB

- System Bus**
- QPI up to 8 GT/s

System Memory

- Memory Capacity**
- 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)

- Memory Type**
- 1600/1333/1066/800MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs

- DIMM Sizes**
- 32GB, 16GB, 8GB, 4GB, 2GB, 1GB

Chassis

- Form Factor**
- 1U Rackmount

- Model**
- **CSE-813MTQ-350CB**

Dimensions

- Width**
- 17.2" (437mm)

- Height**
- 1.7" (43mm)

- Depth**
- 19.8" (503mm)

- Gross Weight**
- 36 lbs (18.1kg)

- Available Colors**
- Black

Front Panel

- Buttons**
- Power On/Off button
 - System Reset button
 - UID button

- LEDs**
- Power status LED
 - HDD activity LED
 - 2x Network activity LEDs
 - Universal Information (UID) LED

Expansion Slots

- PCI-Express**
- 1x PCI-E 3.0 x16 Full-height Half-length

| | |
|-----------------------------|---|
| 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 | |
| 350W AC power supply w/ PFC | |
| AC Voltage | <ul style="list-style-type: none"> 100-240 V, 50-60 Hz, 4.2-1.8 Amp |
| +5V | <ul style="list-style-type: none"> 18 Amp |
| +5V standby | <ul style="list-style-type: none"> 3 Amp |
| +12V | <ul style="list-style-type: none"> 29 Amp |
| +3.3V | <ul style="list-style-type: none"> 15 Amp |
| Certification |  Gold Certified [Test Report] |
| 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-350CB | 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-351-1H | 1 | 1U 350W MULTI OUTPUT 80PLUS GOLD PWS |
| 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 |