

SuperServer 5017R-MTF



Integrated Board



Super X9SRi-F

Available Colors:

Black



Key Features

1. Intel® Xeon® processors E5-2600
2. Intel® C602 Chipset
3. 4x 3.5" Hot-swap drive bays
4. Up to 256GB RDIMM or 64GB UDIMM; DDR3 up to 1600MHz; 8x DIMM sockets
5. 1x PCI-E 3.0 x16 FH expansion slot
6. Intel® i350 Dual Port Gigabit Ethernet
7. Integrated IPMI 2.0 and KVM with Dedicated LAN
8. SATA2 w/ RAID 0, 1, 10 (R5 option)
9. 350W Gold Level Power Supply
10. SATA Disk-on-module (DOM) power connector; TPM 1.2 and USB Type A

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

Specifications

Product SKUs

SYS-5017R-MTF ■ SuperServer 5017R-MTF (Black)

Motherboard

Super X9SRi-F

Processor/Cache

CPU ■ Intel® Xeon® processor E5-2600 family
 ■ Single Socket R (LGA 2011)

Cache ■ Up to 20MB

System Bus ■ QPI up to 8 GT/s

System Memory

Memory Capacity ■ 8x 240-pin DDR3 DIMM sockets
 ■ Supports up to 256 GB DDR3 ECC Registered memory (RDIMM)
 ■ Supports up to 64 GB DDR3 ECC/non-ECC Un-Buffered memory (UDIMM)

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

DIMM Sizes ■ 32GB, 16GB, 8GB, 4GB, 2GB, 1GB

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Chassis

Form Factor ■ 1U Rackmount

Model ■ [CSE-813MTQ-350CB](#)

Dimensions

Height ■ 1.7" (43mm)

Width ■ 17.2" (437mm)

Depth ■ 19.8" (503mm)

Gross Weight ■ 38 lbs (16.5kg)

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 LED

Expansion Slots

PCI-Express ■ 1x PCI-E 3.0 x16 Full-height slot
 ■ [UIO AOC Compatibility Matrix](#)

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"> 2 SATA3 (6Gbps) & 4 SATA2 (3Gbps) RAID 0, 1, 5, 10 support (Windows) RAID 0, 1, 10 support (Linux)
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 Winbond WPCM540 BMC
Network Controllers	<ul style="list-style-type: none"> Intel® i350 Dual port GbE LAN Virtual Machine Device Queues reduce I/O overhead Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output 1x Realtek RTL8201N PHY (dedicated IPMI)
VGA	<ul style="list-style-type: none"> Matrox G200eW 16MB DDR2 graphics controller
Super I/O	<ul style="list-style-type: none"> Nuvoton NCT 6776F
Input / Output	
SATA	<ul style="list-style-type: none"> 2 SATA 3.0 ports (6Gbps) 4 SATA 2.0 ports (3Gbps)
LAN	<ul style="list-style-type: none"> 2x RJ45 LAN ports 1x RJ45 Dedicated IPMI LAN port
USB	<ul style="list-style-type: none"> 9 USB 2.0 ports total (2 rear + 6 via headers + 1 Type A)
VGA	<ul style="list-style-type: none"> 1x VGA port
Keyboard / Mouse	<ul style="list-style-type: none"> PS/2 keyboard and mouse ports
Serial Port / Header	<ul style="list-style-type: none"> 1x Fast UART 16550 serial port 1x internal header

Drive Bays	<ul style="list-style-type: none"> 4x 3.5" Hot-swap drive bays
Backplane	
SAS/SATA HDD Backplane (SAS support requires optional SAS controller)	
System Cooling	
Fans	<ul style="list-style-type: none"> 4x 40x28mm 4-pin PWM Cooling 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"> 8MB SPI Flash EEPROM with AMI BIOS
BIOS Features	<ul style="list-style-type: none"> DMI 2.3 PCI 2.3 ACPI 1.0 / 2.0 USB Keyboard support SMBIOS 2.3
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-X9SRi-F	1	Super X9SRi-F Motherboard
	CSE-813MTQ-350CB	1	1U Chassis
Backplane	BPN-SAS-815TQ	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-P0047P	1	1U Passive CPU Heat Sink for X9 Generation Motherboards w/ Square ILM
Power Supply	PWS-351-1H	1	1U 350W MULTI OUTPUT 80PLUS GOLD PWS
Cable 3	CBL-0049L	1	Front ctrl cable 16 PIN TO 16 PIN, LF, Flat (L=54cm)
Fan 1	FAN-0065L4	4	4028mm 13K RPM 4-PIN PWM FAN for SC813MF, SC113M
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"