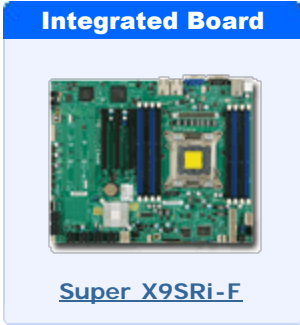


SuperServer 5017R-MF



Available Colors: Black

Key Features

1. Intel® Xeon® processors E5-2600
2. Intel® C602 Chipset
3. UP to 2x 3.5" Fixed drive bays* or up to 4x 2.5" fixed drive option~; DVD option^
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-MF ■ SuperServer 5017R-MF (**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

Chassis

Form Factor ■ 1U Rackmount

Model ■ **CSE-512F-350B**

Dimensions

Height ■ 1.7" (43mm)

Width ■ 17.2" (437mm)

Depth ■ 14.5" (369mm)

Weight ■ Net Weight: 12.0 lbs (5.44 kg)
■ Gross Weight: 16.5 lbs (7.48 kg)

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](#)

Memory Voltage	▪ 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	▪ 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
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	▪ Matrox G200eW 16MB DDR2 graphics controller
Super I/O	▪ 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	▪ 9 USB 2.0 ports total (2 rear + 6 via headers + 1 Type A)
VGA	▪ 1x VGA port
Keyboard / Mouse	▪ 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	
Fixed	▪ Up to 2x 3.5" fixed drive bays* or up to 4x 2.5" fixed drive bay option~
System Cooling	
Fans	▪ 2x 40x56mm 4-pin PWM Cooling Fans
Power Supply	
350W AC power supply w/ PFC	
AC Voltage	▪ 100-240 V, 50-60 Hz, 4.2-1.8 Amp
+5V	▪ 18 Amp
+5V standby	▪ 3 Amp
+12V	▪ 29 Amp
+3.3V	▪ 15 Amp
Certification	 Gold Certified [Test Report]
System BIOS	
BIOS Type	▪ 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	▪ 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-512F-350B	1	1U Chassis
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 1	CBL-0156L	1	Front ctrl cable Round 16 pin to 16 pin, 40cm, 28AWG
Cable 2	CBL-0260L	1	US power cord 18AWG 6ft, PBF (default for low watt)
Cable 3	CBL-0261L	1	40CM 7 PIN SATA CABLE S-RA for SC512,512L, 26AWG
Cable 4	CBL-0262L	1	4PIN TO 1xSATA(RA)+1x4PIN(RA)+1xFPD PWS EXT. CBL
Fan 1	FAN-0087L4	2	40x56,4 Pin PWM Fan

* Second fixed drive location, front of power supply vent; please note airflow may be reduced

~ 2.5" fixed drive requires optional bracket (not included)

^ DVD option not compatible with dual 2.5" fixed HDD mounting bracket