

Products ▶ Systems ▶ 1U ▶ [5017R-MTRF]



Integrated Board



Super X9SRI-F

Available Colors:

Black

▶ Drivers & Utilities

▶ BIOS

▶ IPMI

▶ Tested Memory

▶ Tested HDD

▶ Manuals

▶ OS Certification Matrix

▶ Quick-References

Key Features

1. Single socket R (LGA 2011) supports Intel® Xeon® processor E5-2600 and E5-2600/1600 v2 family†

2. Intel® C602 Chipset

3. 4x 3.5" Hot-sw ap drive bays

4. Up to 512GB ECC DDR3, up to 1866MHz; 8x DIMM slots

5. 1x PCIe 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. 400W (1+1) Redundant Short-depth 80Plus Gold-level pow er supplies

10. SATA Disk-on-module (DOM) pow er 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-MTRF SuperServer 5017R-MTRF (Black)	
Motherboard	
Super X9SRI-F	
Processor/Cache	
CPU	Single Socket R (LGA 2011) Intel® Xeon® processor E5-2600 and E5-2600/1600 v2 family†
Note	† BIOS version 3.0 or above is required
Cache	Up to 30MB
System Bus	QPI up to 8 GT/s
System Memory	
Memory Capacity	8x 240-pin DDR3 DIMM slots Up to 512GB DDR3 ECC LRDIMM Up to 256GB DDR3 ECC Registered memory (RDIMM) up to 64GB DDR3 ECC/non-ECC Un-Buffered memory (UDIMM)
Memory Type	1866/1600/1333/1066MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs
DIMM Sizes	32GB, 16GB, 8GB, 4GB, 2GB, 1GB
Memory Voltage	1.5 V, 1.35 V
Error Detection	Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices	
Chipset	Intel® C602 Chipset
SATA	2 SATA3 (6Gbps) & 4 SATA2 (3Gbps) RAID 0, 1, 5, 10 support (Windows) RAID 0, 1, 10 support (Linux)
IPMI	Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 w ith virtual media over LAN and KVM-over-LAN support Winbond WPCM540 BMC
Network Controllers	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	2 SATA 3.0 ports (6Gbps) 4 SATA 2.0 ports (3Gbps)
LAN	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	1x Fast UART 16550 serial port 1x internal header
Chassis	
Form Factor	1U Rackmount
Model	CSE-813MTQ-R400CB
Dimensions	
Height	1.7" (43mm)
Width	17.2" (437mm)
Depth	19.85" (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 PCIe 3.0 x16 Full-height slot AOC Compatibility Matrix
Drive Bays	
Hot-swap	4x 3.5" Hot-sw ap drive bays
Backplane	
SAS/SATA HDD Backplane (SAS support requires optional SAS controller)	
System Cooling	
Fans	4x 40x28mm 4-pin PWM Cooling Fans
Power Supply	
400W (1+1) Redundant SuperCompact Short-depth AC-DC Gold-level power supply with PMBus and I2C	
AC Input	400W: 100-240 V, 50-60 Hz, 6-3 Amp
DC Output +5V standby	3 Amp
DC Output +12V	33 Amp
With Power Distributor	+5V: 25 Amp +3.3V: 25 Amp -12V: 0.6 Amp
System BIOS	
BIOS Type	8MB SPI Flash EEPROM w ith AMI BIOS
BIOS Features	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.	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

See Parts List

Terms & Conditions | Privacy | Investor Relations | Jobs | Site Map

SuperServer® | Motherboard | Chassis | Rack Cabinet | SuperBlade® | Embedded | Networking | Storage | Accessories | AMD Solution | Power Supplies

Copyright © 2015 Super Micro Computer, Inc.

Information in this document is subject to change without notice.
Other products and companies referred to herein are trademarks or registered trademarks of their respective companies or mark holders.