

SuperServer 5017R-MTF

[Products](#) | [Systems](#) | [1U](#) | [\[5017R-MTF \]](#)

Integrated Board



[Super X9SRI-F](#)

Available Colors:

Black

[Drivers & Utilities](#) | [BIOS](#) | [IPMI](#) | [Tested Memory](#) | [Tested HDD](#)
[Manuals](#) | [OS Certification Matrix](#) | [Quick-References](#)

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	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
Memory Type	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)
IPMI	RAID 0, 1, 10 support (Linux)
	Support for Intelligent Platform Management Interface v.2.0
IPMI	IPMI 2.0 with 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
Network Controllers	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-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
	AOC Compatibility Matrix

Drive Bays

Hot-swap	4x 3.5" Hot-swap drive bays
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Backplane

SAS/SATA HDD Backplane
(SAS support requires optional SAS controller)

System Cooling

Fans	4x 40x28mm 4-pin PWM Cooling Fans
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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 w/ AMI BIOS
	DMI 2.3
BIOS Features	PCI 2.3
	ACPI 1.0 / 2.0
	USB Keyboard support
	SMBIOS 2.3

Operating Environment / Compliance

RoHS	RoHS Compliant
	Operating Temperature: 10°C to 35°C (50°F to 95°F)
Environmental Spec.	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](#)