

SuperServer 1017R-MTF

[Products](#) | [Systems](#) | [1U](#) | [\[1017R-MTF \]](#)

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-1017R-MTF | SuperServer 1017R-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 - 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 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 - 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

Key Features

- Single socket R (LGA 2011) supports Intel® Xeon® processor E5-2600 and **E5-2600/1600 v2** family†
- Intel® C602 Chipset
- 8x 2.5" Hot-sw ap drive bays
- Up to 512GB ECC DDR3, up to 1866MHz; 8x DIMM slots
- 1x PCI-E 3.0 x16 FH expansion slot
- Intel® i350 Dual Port Gigabit Ethernet
- Integrated IPMI 2.0 and KVM with Dedicated LAN
- SATA2 w / RAID 0, 1, 10 (R5 option)
- 330W Gold Level Pow er Supply
- SATA Disk-on-module (DOM) power connector; TPM 1.2 and USB Type A

Chassis

Form Factor	1U Rackmount
Model	CSE-113MTQ-330CB

Dimensions

Height	1.7" (43mm)
Width	17.2" (437mm)
Depth	19.98" (507mm)
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
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Drive Bays

Hot-sw ap	8x 2.5" Hot-sw ap drive bays
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Backplane

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

Fans	3x 40x28mm 4-pin PWM Cooling Fans
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Power Supply

330W AC power supply w / PFC	
AC Voltage	▪ 100-240 V, 50-60 Hz, 4.5 Amp max
+5V	▪ 18 Amp
+5V standby	▪ 3 Amp
+12V	▪ 27 Amp @ 100-180Vac, 31 Amp @ 180-240 Vac
-12V	▪ 0.5 Amp
+3.3V	▪ 15 Amp

Certification

**Gold Certified**
[[Test Report](#)]

System BIOS

BIOS Type	8MB SPI Flash EEPROM w with 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](#)