

Supermicro SuperServer SYS-8048B-C0R4FT Tower 4U QP 5xLFF LSI 3008 RED PSU

Kod producenta: SYS-8048B-C0R4FT



Chassis Form Factor	Tower/4U
CPU Socket	LGA 2011 (Socket R)
# of CPU sockets	4
Supported CPU's	Intel Xeon E7-8800v4 Intel Xeon E7-8800v3 Intel Xeon E7-4800v4 Intel Xeon E7-4800v3
Max CPU TDP	165 W
Chipset	Intel C602J
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC RDIMM
Memory Speed	1866 MHz 1600 MHz 1333 MHz
Max Memory Size	4096 GB
Integrated GPU	Aspeed AST2400
# of 3.5 hot-swap bays	5
Backplanes	SAS/SATA
# of PCIe x16 3.0	2
# of PCIe x8 3.0	2
# of USB Ports	3 x USB 2.0 (rear)
# of SATA Ports	6
# of SAS Ports	8
Storage Controllers	2 x AHCI iSATA 6Gb/s 4 x AHCI iSATA 3Gb/s LSI 3008 12Gb/s
Integrated RAID	0,1,5,10
Hardware RAID	0,1,10
# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
# of 10GbE Ports	2 x Base-T
Network Controllers	Intel x540 Dual Port 10 Gigabit Base-T
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2400
Power Supply	Redundant
PSU Wattage	1400W
PSU Certification	80+ Platinum
Chassis Dimensions	462 x 178 x 721mm

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

SYS-8048B-C0R4FT • SuperServer 8048B-C0R4FT (Black)

Motherboard

Super X10QBL-4CT

Processor/Cache

CPU • Intel® Xeon® processor E7-8800 v4/v3, E7-4800 v4/v3 family (up to 24 Cores and 165W TDP)
• Quad Socket R1 (LGA 2011)
Cache • Up to 60 MB
System Bus • QPI up to 9.6 GT/s

System Memory

Memory Capacity • 32x 288-pin DDR4 DIMM slots
• Supports up to 4TB DDR4 ECC 3DS LRDIMM in 32 DIMM slots
Memory Type • 1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin gold-plated DIMMs
DIMM Sizes • 128GB, 64GB, 32GB, 16GB, 8GB, 4GB
Memory Voltage • 1.2 V
Error Detection • Corrects single-bit errors

On-Board Devices

Chipset • Intel® C602J chipset
SAS • SAS2 (6Gbps) via LSI® 3008 controller
SATA • SATA2 (3Gbps) with RAID 0, 1, 5, 10
• SATA3 (6Gbps) with RAID 0, 1
• Support for Intelligent Platform Management Interface v.2.0
IPMI • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
• ASPEED AST2400 BMC
• Intel® X540 Dual Port 10GBase-T
• Virtual Machine Device Queues reduce I/O overhead
Network Controllers • Supports 10GBase-T, 100BASE-TX, and 1000BASE-T, RJ45 output
• 1x Realtek RTL8201F PHY (dedicated IPMI)
Graphics • ASPEED 2400

Input / Output

SAS • 8x SAS2 ports (6Gbps)
LAN • 2x RJ45 10GBase-T ports
• 1x dedicated LAN port for IPMI on AOM
USB • 3x USB 2.0 rear ports
Serial Port / Header • 2x Fast UART 16550 ports: 1 rear and 1 header
DOM • 2x DOM (Disk on Module) power connectors

System BIOS

BIOS Type • 128MB SPI Flash EEPROM with AMI® BIOS
• Plug and Play (PnP)
• PCI 2.2
BIOS Features • ACPI up to 3.0
• USB Keyboard support

Chassis

Form Factor • 4U Rackmount/Tower
Model • CSE-748TQ-R1K43B

Dimensions and Weight

Height • 18.2" (462mm)
Width • 7.0" (178mm)
Depth • 28.4" (721mm)
Weight • Net Weight: 65.5 lbs (29.7 kg)
• Gross Weight: 86.0 lbs (39.0 kg)
Available Colors • Black

Drive Bays

Hot-swap • 5x 3.5" Hot-swap Drive Bays

Expansion Slots

PCI-Express • 2x PCI-E 3.0 x16 Full-height slot
• 2x PCI-E 3.0 x8 Full-height slot

Backplane

SAS/SATA HDD Backplane

System Cooling

Fans • 3x 9cm Heavy Duty fans with speed control
Cooling Fans • 3x 8cm Heavy Duty fans with speed control
Cooling Fans
Shrouds • 1x Air Shroud (MCP-310-74806-0B)

Power Supply

Redundant 1400W High-efficiency AC power supply with Digital Switching Control & PMBus 1.2
AC Voltage • 100-240 V, 50-60 Hz, 15 Amp max
+12V • 100 Amp/115 Vac
• 117 Amp/230 Vac
+5V: 30 Amp
With Power • +3.3V: 25 Amp
Distributor • -12V: 0.6 Amp

Certification



Platinum Certified

PC Health Monitoring

CPU • Monitors for CPU Cores, +1.2V, 1.5V, +3.3V, +12V, (+3V, 1.0V, 1.2V, 1.8V, 1.1V) Standby, VBAT, Memory, Chipset Voltages.
• 4-Phase-switching voltage regulator with auto-sense from 0.6V-1.35V
FAN • 4-pin fan headers with tachometer status monitoring
• Low noise fan speed control mode
• Monitoring for CPU and system environment
Temperature • Thermal Control for 9x fan connectors
Other Features • Chassis intrusion detection

Operating Environment / Compliance

RoHS • RoHS Compliant
• Operating Temperature: 10°C to 35°C (50°F to 95°F)
• Non-operating Temperature:
Environmental • -40°C to 70°C (-40°F to 158°F)
Spec. • Operating Relative Humidity: 8% to 90% (non-condensing)
• Non-operating Relative Humidity: 5% to 95% (non-condensing)

UWAGA !!!

Oferowany produkt to platforma serwerowa służąca do budowy swojej własnej konfiguracji serwera (nie zawiera CPU, RAM czy HDD).

Jeżeli potrzebujesz kupić gotowy serwer wraz z CPU, RAM, HDD/SDD oraz innymi opcjami koniecznie wyślij do nas zapytanie. Posiadamy najlepsze ceny i dostępność na pełne konfiguracje. Zapewniamy pełne wsparcie techniczne do zakupionych u nas serwerów.

Strona firmowa produktu:

<https://www.superserver.pl/superserver/superserver-sys-8048b-c0r4ft-tower-4u-5x1ff-lsi-3008-red-pa>
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