Supermicro SuperServer SYS-7048R-C1R Tower 4U DP 8xSFF 8xLFF RED PSU

Kod producenta: SYS-7048R-C1R



Chassis Form Factor	Tower/4U
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2600v3
Max CPU TDP	145 W
Chipset	Intel C612 Wellsburg
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM
Memory Speed	2133 MHz 1866 MHz 1600 MHz
# of DIMM's	16
Max Memory Size	1024 GB
Integrated GPU	Aspeed AST2400
# of 2.5 hot-swap bays	8
# of 3.5 hot-swap bays	8
Backplanes	SAS3/SATA3
# of PCIe x16 3.0	1
# of PCIe x8 3.0	6
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 2.0 (rear) 2 x USB 2.0 (header) 1 x USB 2.0 Type A
# of SATA Ports	10
# of Super DOM	2
# of SAS Ports	8
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s LSI 3108 12Gb/s
Integrated RAID	0,1,5,10
Hardware RAID	0,1,5,6,10,50,60
# of Serial Ports	1 x Fast UART 16550 (header)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i210 Dual Port Gigabit Ethernet
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	920W
PSU Certification	80+ Platinum
Chassis Dimensions	1462 x 178 x 648 mm

Product SKUs

SYS-7048R-C1R • SuperServer 7048R-C1R (**Black**)

Motherboard

Super X10DRH-C

Processor/Cache

CPU	• Intel® Xeon® processor E5-2600 **v4**† / v3 family (up to 145W TDP) * • Dual Socket R3 (LGA 2011)
Cores / Cache	• Up to **22 Cores**† / Up to **55MB**† Cache
System Bus	• QPI up to 9.6 GT/s
Note	† BIOS version 2.0 or above is required
Note	* Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.

System Memory

Memory Capacity	• 16x 288-pin DDR4 DIMM slots • Up to 2TB† ECC 3DS LRDIMM, 512 ECC RDIMM
Memory Type	• **2400**/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit
DIMM Sizes	• RDIMM: 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB
Memory Voltage	• 1.2 V
Error Detection	• Corrects single-bit errors

On-Board Devices

Chipset	• Intel® C612 chipset
SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10
SAS	• LSI 3108 SAS3 (12Gbps) controller; HW RAID 0, 1, 5, 6, 10, 50, 60
IPMI	• Support for Intelligent Platform Management Interface v.2.0 • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC
Network Controllers	• Intel® i350 Dual Port Gigabit Ethernet • Virtual Machine Device Queues reduce I/O overhead • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8201N PHY (dedicated IPMI)
Video	• ASPEED AST2400 BMC

Input / Output

SATA	• 8x SATA3 (6Gbps) ports
SAS	• 8x SAS3 (12Gbps) ports
LAN	• 2x RJ45 Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port
USB	• 2x USB 3.0 ports (2 rear) • 4x USB 2.0 ports (2 rear, 2 front) • 1x USB Type A
Video	• 1x VGA port
Serial Port / Header	• 1x COM/Serial
DOM	• 2x SuperDOM (Disk on Module) ports

Expansion Slots

PCI-Express	• 1x PCI-E 3.0 x16 (Full-height, Full-length) • 6x PCI-E 3.0 x8 (Full-height, Full-length)

System BIOS

BIOS Type	• 128Mb SPI Flash EEPROM with AMI® BIOS
BIOS Features	• Plug and Play (PnP) • APM 1.2 • DMI 2.2 • ACPI 1.0 / 2.0 • USB Keyboard support • SMBIOS 2.3 • UEFI

Chassis

Form Factor	• 4U Rackmountable / Tower • Optional Rackmount Kit
Model	• **CSE-745TQ-R920B**

Dimensions and Weight

Height	• 17.2" (437mm)
Width	• 7.0" (178mm)
Depth	• 25.5" (648mm)
Package	• 24" (H) x 14" (W) x 26.5" (D)
Weight	• Net Weight: 56.5 lbs (25.6 kg) • Gross Weight: 74 lbs (33.57 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 • Power Fail LED
Ports	• 2x USB Ports

Drive Bays

Hot-swap	• 8x 3.5" Hot-swap SATA3 drive trays • 8x 2.5" Hot-swap SAS3 drives in mobile rack
Peripheral Bay	• 1x 5.25" drive bay (optional devices)

SAS / SATA Backplane

• SAS via backplane (BPN-SAS3-I28A) in Mobile rack
• SATA via chassis HDD Backplane CSE-SAS-743TQ-O-P

System Cooling

Fans	• 3x 8cm Hot-swap redundant PWM Cooling Fans • 2x 8cm Hot-swap Rear Exhaust PWM Fans & air shroud

Power Supply with Power Distributor

920W high-efficiency (94%+) AC-DC Redundant power supplies with PMBus and I2C

AC Input	• 100-240 V, 50-60 Hz, 11-4.5 Amp
DC Output	• 4 Amp @ +5V standby • 75 Amp @ +12V
Certification	**Platinum Certified** [Test Report]

PC Health Monitoring

CPU	• Monitors for CPU Cores, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory, Chipset Voltages. • 6-Phase-switching voltage regulator
FAN	• Total of five fan headers supporting up to 5 fans • 5x fans with tachometer status monitoring • Status monitor for speed control • Pulse Width Modulated (PWM) fan connectors
Temperature	• Monitoring for CPU and chassis environment • CPU thermal trip support • Thermal Control for 5x fan connectors • Thermal Monitor 2 (TM2) support • PECI
LED	• System info. LED: UID indicator, fan fail/System Overheat • Suspend static indicator LED • UID/Remote LED
Other Features	• Chassis intrusion detection • Chassis intrusion header

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)

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.superstorage.pl/supermicro-superserver-sys-7048r-c1r-tower-4u-dp-8xsff-8xlff-red-psu-p-1003.html