

Supermicro SuperServer SYS-4048B-TR4FT 4U QP 24xSFF 2x10GbE RED PSU

Kod producenta: SYS-4048B-TR4FT



Chassis Form Factor	Rack 4U
CPU Socket	LGA 2011 (Socket R)
# of CPU sockets	4
Supported CPU's	Intel Xeon E7-8800v4 Intel Xeon E7-8800v3 Intel Xeon E7-4800v3 Intel Xeon E7-4800v3
Max CPU TDP	165 W
Chipset	Intel C602J
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	1866 MHz 1600 MHz 1333 MHz 1066 MHz
# of DIMM's	96
Max Memory Size	12288 GB
Integrated GPU	Aspeed AST2400
# of 2.5 hot-swap bays	24
Backplanes	SAS/SATA
# of PCIe x16 3.0	4
# of PCIe x8 3.0	7
# of USB Ports	2 x USB 2.0 (rear)
# of SATA Ports	6
Storage Controllers	2 x AHCI iSATA 6Gb/s 4 x AHCI iSATA 3Gb/s
Integrated RAID	0,1,5,10
# 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
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	1620W
PSU Certification	80+ Platinum
Chassis Dimensions	437 x 178 x 767mm
Uwagi	IPMI (via AOM)
	Network Controllers (via AOM)

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs			
ST5-4048B-TR4FT • SuperServer 4048B-TR4FT (Black)			
Motherboard			
Super X100BI			
Processor/Cache			
CPU	• Intel® Xeon® processor E7-8800 v3 / E7-4800 v3 family (up to 18 Cores and 165W TDP)		
Cache	• Quad Socket R1 (LGA 2011)		
System Bus	• Up to 45 MB		
	• QPI up to 9.6 GT/s		
System Memory			
Memory Capacity	• 96x 288-pin DDR4 DIMM slots		
	• Supports up to 6TB DDR4 ECC RDIMM/LRDIMM in 96 DIMM slots		
Memory Type	• 1866/1600/1333/1066/800MHz ECC DDR4 SDRAM 72-bit, 288-pin gold-plated DIMMs		
DIMM Sizes	• 64GB, 32GB, 16GB, 8GB, 4GB		
Memory Voltage	• 1.2 V		
Error Detection	• Corrects single-bit errors		
	• Detects double-bit errors (using ECC memory)		
On-Board Devices			
Chipset	• Intel® C602J chipset		
AHCI SATA	• SATA3 (6Gbps) with RAID 0, 1		
	• SATA2 (3Gbps) with RAID 0, 1, 5, 10		
	• Intel® X540 Dual Port 10GBase-T		
	• Virtual Machine Device Queues reduce I/O overhead		
Network Controllers (via AOM)	• Supports 10GBase-T, 100BASE-TX, and 1000BASE-T, RJ45 output		
	• 1x Realtek RTL8201N PHY (dedicated IPMI)		
	• Support for Intelligent Platform Management Interface v.2.0		
IPMI (via AOM)	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support		
Graphics	• ASPEED 2400		
Input / Output			
AHCI SATA	• 2x SATA3 (6Gbps) ports		
	• 4x SATA2 (3Gbps) ports		
LAN	• 2x RJ45 10GBase-T ports on AOM		
	• 1x dedicated LAN port for IPMI on AOM		
USB	• 2x USB 2.0 ports		
Serial Port / Header	• 2x Fast UART 16550 ports: 1 rear and 1 header		
DOM	• 1x DOM (Disk on Module) power connector		
System BIOS			
BIOS Type	• 16MB SPI Flash EEPROM with AMI® BIOS		
	• Plug and Play (PnP)		
BIOS Features	• PCI 2.2		
	• ACPI up to 3.0		
	• USB Keyboard support		
Chassis			
Form Factor	• 4U Rackmountable		
	• Rackmount Kit: Comes with the system		
Model	• CSE-418XA-R3240B		
Dimensions and Weight			
Height	• 7.0" (178mm)		
Width	• 17.2" (437mm)		
Depth	• 31.3" (795mm)		
Weight	• Net Weight: 74.5 lbs (33.79 kg)		
	• Gross Weight: 115 lbs (52.16 kg)		
Available Colors	• Black		
Drive Bays			
	• 24x 2.5" Hard drive bays (default)*		
	• 48x 2.5" Hard drive bays (optional)		
Hot-swap	* BPN-SAS3-216A direct attached backplane, system supports up to 24 HDDs by using selected RAID/HBA card and default HDD connection is onboard C602J chipset 2 SATA3 + 4 SATA2		
Expansion Slots			
	• 11x PCI-E 3.0 slots w/ 48 memory slots		
PCI-Express	(4x PCI-E 3.0 x16 and 7x PCI-E 3.0 x8)		
	• 8x PCI-E 3.0 slots w/ 96 memory slots		
	(4x PCI-E 3.0 x16 and 4x PCI-E 3.0 x8)		
Backplane			
SAS/SATA HDD Backplane			
System Cooling			
	• 4x 92mm RPM Hot-Swappable Cooling Fans		
Fans	• 3x 80mm RPM Hot-Swappable Rear Exhaust Fan		
	• 2x 80mm Rear Exhaust Fans (optional)		
Shrouds	• 1x Air Shroud (MCP-310-41804-0B)		
Power Supply			
1620W high-efficiency redundant power supply w/ PMBus			
	• 1000W Output @ 100-120V, 12-10A, 50-60Hz		
AC Input	• 1200W Output @ 120-140V, 12-10A, 50-60Hz		
	• 1620W Output @ 180-240V, 10.5-8A, 50-60Hz		
DC Output	• 1000W: +12V/84A; +5Vsb/4A		
	• 1200W: +12V/100A; +5Vsb/4A		
	• 1620W: +12V/150A; +5Vsb/4A		
Certification	Platinum Certified		
	[Test Report]		
PC Health Monitoring			
	• 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.		
CPU	• 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)		
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)		

UWAGA !!!

Ze względu na wysoki stopień integracji platforma dostępna jest tylko i wyłącznie jako gotowy system wraz z CPU, RAM i HDD oraz dodatkowymi kartami rozszerzeń. Prosimy o kontakt z nami w celu przedstawienia oferty na interesującą Państwa konfigurację.

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-superserver-sys-4048b-tr4ft-4u-qp-24xsff-2x10gbe-red-psu-p-1986.html>