

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

Kod producenta: SYS-4048B-TRFT



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	DDR3 ECC LRDIMM DDR3 ECC RDIMM
Memory Speed	1600 MHz 1333 MHz 1066 MHz 800 MHz
# of DIMM's	96
Max Memory Size	6144 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 795mm

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs			
STYS-4048B-TRFT • SuperServer 4048B-TRFT (Black)			
Motherboard			
Super X100BI			
Processor/Cache			
CPU	Intel® Xeon® processor E7-8800 v3 / E7-4800 v3 / E7-8800 v2 / E7-4800 v2 family (up to 18 Cores and 165W TDP)		
Cache	Up to 45 MB		
System Bus	QPI up to 9.6 GT/s		
Note:	E7-8800/4800 v2 (using MB-X10QBI-MEM1 Rev 1.01 or above) E7-8800/4800 v3 (using MB-X10QBI-MEM1 Rev 2.0 or above)		
System Memory			
Memory Capacity	96x 240-pin DDR3 DIMM slots Supports up to 6TB DDR3 ECC Registered memory (RDIMM) and LRDIMM in 96 DIMM slots		
Memory Type	1600/1333/1066/800MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs		
DIMM Sizes	64GB, 32GB, 16GB, 8GB, 4GB		
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® C602J chipset		
AHCI SATA	SATA3 (6Gbps) with RAID 0, 1 SATA2 (3Gbps) with RAID 0, 1, 5, 10		
Network Controllers (via AOM)	Intel® X540 Dual Port 10GBase-T Virtual Machine Device Queues reduce I/O overhead 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		
USB	1x dedicated LAN port for IPMI on AOM		
Serial Port / Header	2x USB 2.0 ports		
DOM	2x Fast UART 16550 ports: 1 rear and 1 header 1 DOM (Disk on Module) power connector		
System BIOS			
BIOS Type	16MB SPI Flash EEPROM with AMI® BIOS		
BIOS Features	Plug and Play (PnP) PCI 2.2 ACPI up to 3.0 USB Keyboard support		
Chassis			
Form Factor	4U Rackmountable		
Model	Rackmount Kit: Comes with the system 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 3x 80mm RPM Hot-Swappable Rear Exhaust Fan 2x 80mm Rear Exhaust Fans (optional) 1x Air Shroud (MCP-310-41804-0B)		
Fans			
Shrouds			
Power Supply			
1620W high-efficiency redundant power supply w/ PMBus			
AC Input	1000W Output @ 100-120V, 12-10A, 50-60Hz 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		
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 !!!

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-trft-4u-qp-24xsff-2x10gbe-red-psu-p-1988.html>