

Supermicro SuperServer SYS-8048B-TRFT 4U QP 24xLFF 2x10GbE RED PSU

Kod producenta: SYS-8048B-TRFT



Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

 SYS-8048B-TRFT • SuperServer 8048B-TRFT (**Black**)

Motherboard



Super X10QBi

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 • Quad Socket R1 (LGA 2011)
- 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)
- Note: • E7-8800/4800 v3 (using MB-X10QBi-MEM1 Rev 2.0 or above)

System Memory



- Memory Capacity • 96x 240-pin DDR3 DIMM slots
- Memory Capacity • 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
- Error Detection • Detects double-bit errors (using ECC memory)

On-Board Devices



- Chipset • Intel® C602J chipset
- Chipset • SATA3 (6Gbps) with RAID 0, 1
- Chipset • SATA2 (3Gbps) with RAID 0, 1, 5, 10
- AHCI SATA • Intel® X540 Dual Port 10GBase-T
- AHCI SATA • Virtual Machine Device Queues reduce I/O overhead
- Network Controllers (via AOM) • Supports 10GBase-T , 100BASE-TX, and 1000BASE-T, RJ45 output
- Network Controllers (via AOM) • 1x Realtek RTL8201N PHY (dedicated IPMI)
- IPMI (via AOM) • 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
- Graphics • ASPEED 2400

Input / Output



- AHCI SATA • 2x SATA3 (6Gbps) ports
- AHCI SATA • 4x SATA2 (3Gbps) ports
- LAN • 2x RJ45 10GBase-T ports on AOM
- LAN • 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 • 1 DOM (Disk on Module) power connector

System BIOS



- BIOS Type • 16MB SPI Flash EEPROM with AMI® BIOS
- BIOS Type • Plug and Play (PnP)
- BIOS Features • PCI 2.2
- BIOS Features • ACPI up to 3.0
- BIOS Features • USB Keyboard support



Chassis



- Form Factor • 4U Rackmountable
- Form Factor • Rackmount Kit: Comes with the system
- Model • CSE-848XA-R3240B

Dimensions and Weight



- Height • 7.0" (178mm)
- Width • 17.2" (437mm)
- Depth • 32.1" (815mm)
- Package • 15" (H) x 27" (W) x 43.7" (D)
- Weight • Net Weight: 74.5 lbs (33.79 kg)
- Weight • Gross Weight: 115 lbs (52.16 kg)
- Available Colors • Black

Drive Bays



- Hot-swap • 24x 3.5" Hard drive bays.
- Hot-swap • BPN-SAS-846A 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



- PCI-Express • 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)
- PCI-Express • 8x PCI-E 3.0 slots w/ 96 memory slots
- PCI-Express • (4x PCI-E 3.0 x16 and 4x PCI-E 3.0 x8)

Backplane



SAS/SATA HDD Backplane

System Cooling



- Fans • 4x 92mm RPM Hot-Swappable Cooling Fans
- Fans • 3x 80mm RPM Hot-Swappable Rear Exhaust Fans
- Fans • 2x 80mm Rear Exhaust Fans (optional)

Power Supply

1620W high-efficiency redundant power supply w/ PMBus

AC Input

- AC Input • 1000W Output @ 100-120V, 12-10A, 50-60Hz
- AC Input • 1200W Output @ 120-140V, 12-10A, 50-60Hz
- DC Output • 1620W Output @ 180-240V, 10.5-8A, 50-60Hz
- DC Output • 1000W: +12V/84A; +5Vsb/4A
- DC Output • 1200W: +12V/100A; +5Vsb/4A
- DC Output • 1620W: +12V/150A; +5Vsb/4A

Certification



 **Platinum Certified**

[[Test Report](#)]

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.
- CPU • 4-Phase-switching voltage regulator with auto-sense from 0.6V-1.35V
- FAN • 4-pin fan headers with tachometer status monitoring
- FAN • Low noise fan speed control mode
- FAN • 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)
- Environmental Spec. • Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)
- Environmental Spec. • Operating Relative Humidity: 8% to 90% (non-condensing)
- Environmental Spec. • 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-8048b-trft-4u-qp-24xlff-2x10gbe-red-psu-p-1987.html>