

SuperServer 8028B-TR4F

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[\[8028B-TR4F \]](#)



Available Colors: Black

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Key Features

1. Quad socket R1 (LGA 2011) supports Intel® Xeon® processor E7-8800 v4/v3, E7-4800 v4/v3 family (up to 24-Core)
2. Up to 4TB DDR4 (128GB 3DS LRDIMM), up to 1866MHz; 32x DIMM slots
3. 2x PCI-E 3.0 x16 Low-profile slot; 2x PCI-E 3.0 x8 Low-profile slot
4. Intel® i350 Dual port GbE LAN
5. I/O ports: 2x GbE LAN, 1x Dedicated LAN for IPMI Remote Management, 1x VGA, 1x COM port, 3x USB 2.0
6. 6x 3.5" Hot-swap SATA Drive Bays
7. 3x 8cm Heavy Duty fans w/ speed control
8. 1400W Redundant Digital PS **Platinum Level (95%)**


Note: Image above may show a varied configuration or optional parts, Please refer to parts list for standard parts included.

Specifications

Product SKUs	
SYS-8028B-TR4F	■ SuperServer 8028B-TR4F (Black)
Motherboard	
Super X10QBL-4	
Processor/Cache	
CPU	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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
SATA	<ul style="list-style-type: none"> ■ SATA2 (3Gbps) with RAID 0, 1, 5, 10 ■ SATA3 (6Gbps) with RAID 0, 1
IPMI	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ Intel® i350 Dual port GbE LAN ■ Virtual Machine Device Queues reduce I/O overhead ■ Supports 10Base-T, 100BASE-TX, and 1000BASE-T, RJ45 output ■ 1x Realtek RTL8201F PHY (dedicated IPMI)
Graphics	■ ASPEED AST2400 BMC
Input / Output	

Chassis	
Form Factor	■ 2U Rackmount
Model	■ CSE-828TQ-R1K43LPB
Dimensions	
Height	■ 3.5" (89mm)
Width	■ 17.2" (437mm)
Depth	■ 27.9" (709mm)
Weight	<ul style="list-style-type: none"> ■ Net Weight: 40 lbs (18.1 kg) ■ Gross Weight: 66.5 lbs (30.2 kg)
Available Colors	■ Black
Front Panel	
Buttons	<ul style="list-style-type: none"> ■ Power On/Off button ■ System Reset button
LEDs	<ul style="list-style-type: none"> ■ Power LED ■ Hard drive activity LED ■ 2x Network activity LEDs ■ System Overheat LED
Expansion Slots	
PCI-Express	<ul style="list-style-type: none"> ■ 2x PCI-E 3.0 x16 Low-profile slot ■ 2x PCI-E 3.0 x8 Low-profile slot
Drive Bays	
Hot-swap	■ 6x 3.5" Hot-swap Drive Bays
Backplane	
SAS/SATA HDD Backplane	
Peripheral Drives	
DVD-ROM	■ 1x Slim DVD-ROM (Optional)
System Cooling	
Fans	■ 3x 8cm Hot-swap Cooling fans
Shroud	■ 1x Air Shroud
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	<ul style="list-style-type: none"> ■ 100 Amp/115 Vac ■ 117 Amp/230 Vac

SATA	<ul style="list-style-type: none">■ 2x SATA3 (6Gbps) ports■ 4x SATA2 (3Gbps) ports
LAN	<ul style="list-style-type: none">■ 2x RJ45 Gigabit Ethernet LAN ports■ 1x dedicated LAN port for IPMI
USB	<ul style="list-style-type: none">■ 3x USB 2.0 rear ports
Video	<ul style="list-style-type: none">■ 1x VGA Port
Serial Port / Header	<ul style="list-style-type: none">■ 1 Fast UART 16550 serial port
System BIOS	
BIOS Type	<ul style="list-style-type: none">■ 128MB SPI Flash EEPROM with AMI® BIOS
BIOS Features	<ul style="list-style-type: none">■ Plug and Play (PnP)■ PCI 2.2■ ACPI up to 3.0■ USB Keyboard support

With Power Distributor	<ul style="list-style-type: none">■ +5V: 30 Amp■ +3.3V: 25 Amp■ -12V: 0.6 Amp
Certification	<div> Platinum Certified</div>
PC Health Monitoring	
CPU	<ul style="list-style-type: none">■ 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	<ul style="list-style-type: none">■ 4-pin fan headers with tachometer status monitoring■ Low noise fan speed control mode
Temperature	<ul style="list-style-type: none">■ Monitoring for CPU and system environment■ Thermal Control for 10x fan connectors
Other Features	<ul style="list-style-type: none">■ Chassis intrusion detection
Operating Environment / Compliance	
RoHS	<ul style="list-style-type: none">■ RoHS Compliant
Environmental Spec.	<ul style="list-style-type: none">■ 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)

Parts List

[See Parts List](#)

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