

Supermicro SuperStorage Server SSG-6049P-E1CR24L 4U DP 24xLFF LSI 3008 RED PSU

Part number: SSG-6049P-E1CR24L



Chassis Form Factor	Rack 4U
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	2
Supported CPU's	Intel Xeon Scalable 1st Gen Intel Xeon Scalable 2nd Gen
Max CPU TDP	205 W
Chipset	Intel C624
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC RDIMM
Memory Speed	2666 MHz 2400 MHz 2133 MHz
# of DIMM's	16
Max Memory Size	2048 GB
Integrated GPU	Aspeed AST2500
# of 3.5 hot-swap bays	24
Backplanes	SAS3/SATA3
# of PCIe x16 3.0	3
# of PCIe x8 3.0	4
# of USB Ports	4 x USB 3.0 (rear) 1 x USB 3.0 Type A
# of SATA Ports	10
# of SAS Ports	8
Storage Controllers	8 x AHCI iSATA 6Gb/s 2 x sSATA 6Gb/s LSI 3008 12Gb/s AOC
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 10GbE Ports	2 x RJ45
Network Controllers	Intel x722 Port 10 Gigabit Base-T Intel x557 Port 10 Gigabit Base-T
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	1200 W
PSU Certification	80+ Titanium
Chassis Dimensions	437 x 178 x 673 mm

Product SKUs

SSG-6049P-E1CR24L • SuperServer 6049P-E1CR24L (Black)

Motherboard

Super X11DPH-T

Processor/Cache

CPU • Dual Socket P (LGA 3647)
• Intel® Xeon® Scalable Processors, 3 UPI up to 10.4GT/s
• Support CPU TDP 70-205W
Cores • Up to 28 Cores with Intel® HT Technology

System Memory

Memory Capacity • 16 DIMM slots
• Up to 2TB ECC 3DS LRDIMM, 512GB ECC RDIMM, DDR4 up to 2666MHz
Memory Type • 2666/2400/2133MHz ECC DDR4 SDRAM

On-Board Devices

Chipset • Intel® C624 chipset
• SAS3 (12Gbps) via Broadcom 3008 AOC
SAS • Broadcom 3008 controller
SATA • SATA3 (6Gbps) with RAID 0, 1, 5, 10
Network Controllers • Dual 10GBase-T LAN ports with Intel X722 + PHY Intel X557
• Support for Intelligent Platform Management Interface v.2.0
IPMI • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Graphics • ASPEED AST2500 BMC

Input / Output

LAN • 2 RJ45 10GBase-T LAN ports
• 1 RJ45 Dedicated IPMI LAN port
USB • 4 USB 3.0 ports (rear)
• 1 Type A
VGA • 1 VGA port
Serial Port / Header • 1 Fast UART 16550 port / 1 Header

System BIOS

BIOS Type • 256Mb AMI UEFI

Management

Software • Intel® Node Manager
• IPMI 2.0
• NMI
• SPM, SUM
• SuperDoctor® 5
• Watchdog

PC Health Monitoring

CPU • Monitors for CPU Cores, Chipset Voltages, Memory.
• 4+1 Phase-switching voltage regulator
FAN • Fans with tachometer monitoring
• Status monitor for speed control
• Pulse Width Modulated (PWM) fan connectors
Temperature • Monitoring for CPU and chassis environment
• Thermal Control for fan connectors

Chassis

Form Factor • 4U Rackmount
Model • **CSE-846BE1C-R1K23B**

Dimensions

Width • 17.2" (437mm)
Height • 7" (178mm)
Depth • 26.5" (673mm)
Weight • Gross Weight: 92 lbs (41.7 kg)
• Net Weight: 55 lbs (24.9 kg)
Available Colors • Black

Front Panel

Buttons • Power On/Off button
• System Reset button
• Power status LED
• Hard drive activity LED
LEDs • Network activity LEDs
• System Overheat LED
• Power fail LED

Expansion Slots

PCI-Express • 3 PCI-E 3.0 x16 slot
• 4 PCI-E 3.0 x8 slots
• Slot 2 & 3 occupied by controller and JBOD Expansion Port

Drive Bays

Hot-swap • 24 Hot-swap 3.5" SAS3/SATA3 drive bays
Optional • 2 Optional Onboard NVMe M.2

Backplane

SAS3/SATA3 single expander per backplane

System Cooling

Fans • 3 Hot-swap 8cm redundant PWM cooling fans
• 2 Hot-swap 8cm rear exhaust PWM fans
• Redundant cooling

Power Supply (76mm Width)

1200W Redundant Power Supplies with PMBus
Total Output Power • 1000W/1200W
Dimension (W x H x L) • 76 x 40 x 336 mm
Input • 100-127Vac / 15-12A / 50-60Hz
• 200-240Vac / 8.5-7A / 50-60Hz
+12V • Max: 83A / Min: 0A (100-127Vac)
• Max: 100A / Min: 0A (200-240Vac)
+5Vsb • Max: 4A / Min: 0A
Output Type • 19 Pairs Gold Finger Connector

Certification • UL/cUL/CB/BSMI/CE/CCC
Titanium Level
[[Test Report](#)]

Operating Environment

RoHS • RoHS Compliant
• Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)
• Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
Environmental Spec. • Operating Relative Humidity: 8% to 90% (non-condensing)
• Non-operating Relative Humidity: 5% to 95% (non-condensing)

Visit us for more info:

<https://www.superstorage.pl/supermicro-superstorage-server-ssg-6049p-e1cr24l-4u-dp-24x1ff-lsi-3008-re-d-psu-p-3401.html>