

Supermicro SuperStorage Server SSG-6048R-E1CR90L 4U DP 90xLFF 2xSFFrear LSI 3008 RED PSU

Kod producenta: SSG-6048R-E1CR90L



Chassis Form Factor	Rack 4U
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2600v4 Intel Xeon E5-2600v3
Max CPU TDP	145 W
Chipset	Intel C612 Wellsburg
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2400 MHz 2133 MHz 1866 MHz 1600 MHz
# of DIMM's	8
Max Memory Size	1024 GB
Integrated GPU	Aspeed AST2400
# of 3.5 hot-swap bays	90
Backplanes	SAS3/SATA3
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 2.0 (rear) 2 x USB 2.0 (header)
Storage Controllers	4 x AHCI iSATA 6Gb/s LSI 3008 12Gb/s IT
# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
# of 10GbE Ports	4 x SFP+
Network Controllers	Intel XL710 Quad Port 10 Gigabit SFP+
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	1000W
PSU Certification	80+ Titanium
Chassis Dimensions	447 x 178 x 906mm
Uwagi	Network Controllers: SIOM card for multiple IO options

Product SKUs

SSG-6048R-E1CR90L • SuperServer 6048R-E1CR90L (Black)

Motherboard

Super X10DSC-TP4S

Processor/Cache

- CPU
 - Intel® Xeon® processor E5-2600 v4[†]/ v3 family (up to 145W TDP) *
 - Dual Socket R3 (LGA 2011)
- Cores / Cache
 - Up to **22 Cores**[†] / Up to **55MB**[†] Cache
- System Bus
 - QPI up to 9.6 GT/s
- Note
 - [†] BIOS version 2.0 or above is required
- Note
 - * Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.

System Memory

- Memory Capacity
 - 8x 288-pin DDR4 DIMM slots
 - Up to 1TB[†] ECC 3DS LRDIMM, 256GB ECC RDIMM
- Memory Type
 - 2400**[†]/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit
- DIMM Sizes
 - RDIMM: 32GB, 16GB, 8GB, 4GB
 - LRDIMM: 64GB, 32GB
 - 3DS LRDIMM: 128GB
- Memory Voltage
 - 1.2 V
- Error Detection
 - Corrects single-bit errors

On-Board Devices

- Chipset
 - Intel® C612 chipset
- SAS
 - 2x Onboard LSI 3008 SAS3 controllers
 - Support for Intelligent Platform Management Interface v.2.0
- IPMI
 - IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
 - ASPEED AST2400 BMC
- Network Controllers
 - Quad LAN with Intel® XL710 10G SFP+
 - SIOM card for multiple IO options
- Graphics
 - ASPEED AST2400 BMC

Input / Output

- LAN
 - 4x 10G SFP+ LAN ports
 - 1x RJ45 Dedicated IPMI LAN port
- USB
 - 2x USB 3.0 ports (rear)
 - 4x USB 2.0 ports (2 rear + 2 via headers)
- VGA
 - 1x VGA port
- Serial Port / Header
 - 1x Fast UART 16550 port / 1 Header

Chassis

- Form Factor
 - 4U Rackmount
- Model
 - CSE-946E1C-R3KB**

Dimensions and Weight

- Width
 - 17.6" (447mm)
- Height
 - 7" (178mm)
- Depth
 - 35.66" (906mm)
- Weight
 - Gross Weight: 235 lbs (106.6 kg)
 - Net Weight: 160 lbs (72.6 kg)
- Available Colors
 - Black

Front Panel

- Buttons
 - Power On/Off button
 - Unit Identification (UID) button
 - Power status LED
 - Hard drive activity LED
- LEDs
 - Network activity LEDs
 - System information LED
 - Power fail LED

Drive Bays

- Hot-swap
 - 90x 3.5" Hot-swap SAS3/SATA3 drive bays
 - 2x 2.5" rear Hot-swap SATA3 drive bays

Backplane

- SAS3/SATA3 single expander per backplane

System Cooling

- Fans
 - 5x 8cm hot-swap redundant PWM cooling fans

Ultra Power Supply

- 1000W Redundant Titanium Level Power Supplies with PMBus
- Total Output Power
 - 800W/1000W
- Dimension (W x H x L)
 - 73.5 x 40 x 185 mm
- Input
 - 100-127Vac / 9.8 - 7A / 50-60Hz
 - 200-240Vac / 7 - 5A / 50-60Hz
- +12V
 - Max: 66.7A / Min: 0A (100-127Vac)
 - Max: 83A / Min: 0A (200-240Vac)
- 12V SB
 - Max: 2.1A / Min: 0A
- Output Type
 - 25 Pairs Gold Finger Connector

Certification



Titanium Level
[[Test Report](#)]

System BIOS

- BIOS Type
 - 128Mb SPI Flash EEPROM with AMI BIOS
 - Plug and Play (PnP)
 - APM 1.2
 - PCI 2.2
- BIOS Features
 - ACPI 1.0 / 2.0
 - USB Keyboard support
 - SMBIOS 2.3
 - UEFI

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-superstorage-server-ssg-6048r-e1cr90l-4u-dp-90xlff-2xsffrear-lsi-3008-red-psu-p-2015.html>