# Supermicro SuperStorage Server SSG-6049P-E1CR36L 4U DP 36xLFF LSI 3008 RED PSU

## Kod producenta: SSG-6049P-E1CR36L



| | |
|---|---|
| Chassis Form Factor | Rack 4U |
| CPU Socket | LGA 3647 (Socket P) |
| # of CPU sockets | 2 |
| Supported CPU's | Intel Xeon Scalable 1st Gen<br>Intel Xeon Scalable 2nd Gen |
| Max CPU TDP | 205 W |
| Chipset | Intel C624 |
| Memory Type | DDR4 ECC 3DS LRDIMM<br>DDR4 ECC RDIMM |
| Memory Speed | 2666 MHz<br>2400 MHz<br>2133 MHz |
| # of DIMM's | 16 |
| Max Memory Size | 2048 GB |
| Integrated GPU | Aspeed AST2500 |
| # of 3.5 hot-swap bays | 36 |
| Backplanes | SAS3/SATA3 |
| # of PCIe x16 3.0 | 3 |
| # of PCIe x8 3.0 | 4 |
| # of USB Ports | 4 x USB 3.0 (rear)<br>1 x USB 3.0 Type A |
| # of SATA Ports | 10 |
| # of SAS Ports | 8 |
| Storage Controllers | 8 x AHCI iSATA 6Gb/s<br>2 x sSATA 6Gb/s<br>LSI 3008 12Gb/s AOC |
| Integrated RAID | 0,1,5,10 |
| # of Serial Ports | 1 x Fast UART 16550 (rear)<br>1 x Fast UART 16550 (header) |
| # of 10GbE Ports | 2 x RJ45 |
| Network Controllers | Intel x722 Port 10 Gigabit Base-T<br>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 699 mm |
| Uwagi | PCI-Express Slots Configuration:<br>3x PCI-E 3.0 x16 slots<br>4x PCI-E 3.0 x8 slots<br>Slot 2 & 3 occupied by controller and IPOD Expansion Port |

*Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:*

***UWAGA !!!***
*Oferowany produkt to platforma serwerowa służąca do budowy swojej własnej konfiguracji serwera (nie zawiera CPU, RAM czy HDD).*
*Jeżeli potrzebujesz kupić gotowy serwer wraz z CPU, RAM, HDD/SDD oraz innymi opcjami koniecznie wyślij do nas zapytanie. Posiadamy najlepsze ceny i dostępność na pełne konfiguracje. Zapewniamy pełne wsparcie techniczne do zakupionych u nas serwerów.*

Product SKUs

SSG-6049P-E1CR36L • SuperServer 6049P-E1CR36L (**Black**)

Motherboard

**Super X11DPH-T**

Processor/Cache

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

System Memory

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

On-Board Devices

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|---|---|
| Chipset | • Intel® C624 chipset |
| SAS | • SAS3 (12Gbps) via Broadcom 3008 AOC<br>• 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 |
| IPMI | • Support for Intelligent Platform Management Interface v.2.0<br>• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support |
| Graphics | • ASPEED AST2500 BMC |

Input / Output

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

System BIOS

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|---|---|
| BIOS Type | • 256Mb AMI UEFI |

Management

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|---|---|
| Software | • Intel® Node Manager<br>• IPMI 2.0<br>• NMI<br>• SPM, SUM<br>• SuperDoctor® 5<br>• Watchdog |

PC Health Monitoring

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

Chassis

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|---|---|
| Form Factor | • 4U Rackmount |
| Model | • **CSE-847BE1C4-R1K23LPB** |

Dimensions

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|---|---|
| Width | • 17.2" (437mm) |
| Height | • 7" (178mm) |
| Depth | • 27.5" (699mm) |
| Weight | • Gross Weight: 102.5 lbs (46.4 kg)<br>• Net Weight: 65.5 lbs (29.7 kg) |
| Available Colors | • Black |

Front Panel

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|---|---|
| Buttons | • Power On/Off button<br>• System Reset button |
| LEDs | • Power status LED<br>• Hard drive activity LED<br>• Network activity LEDs<br>• System Overheat LED<br>• Power fail LED |

Expansion Slots

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

Drive Bays

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|---|---|
| Hot-swap | • 36 Hot-swap 3.5" SAS3/SATA3 drive bays |
| Optional | • 2 Optional Onboard NVMe M.2 |

Backplane

SAS3/SATA3 single expander per backplane

System Cooling

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|---|---|
| Fans | • 3 Hot-swap 8cm redundant PWM cooling fans<br>• 2 Hot-swap 8cm rear exhaust PWM fans<br>• 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<br>• 200-240Vac / 8.5-7A / 50-60Hz |
| +12V | • Max: 83A / Min: 0A (100-127Vac)<br>• 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<br>**Titanium Level**<br>**[ Test Report ]** |

Operating Environment

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

*Strona firmowa produktu: https://www.superstorage.pl/supermicro-superstorage-server-ssg-6049p-e1cr36l-4u-dp-36xlff-lsi-3008-red-psu-p-3403.html*