

Supermicro SuperStorage Server SSG-6029P-E1CR24H 2U DP 24xLFF LSI 3108 RED PSU

Kod producenta: SSG-6029P-E1CR24H

	Chassis Form Factor	Rack 2U
	CPU Socket	LGA 3647 (Socket P)
	# of CPU sockets	2
	Supported CPU's	Intel Xeon Scalable 2nd Gen Intel Xeon Scalable 1st Gen
	Max CPU TDP	205 W
	Chipset	Intel C621
	Memory Type	DDR4 ECC LRDIMM DDR4 ECC RDIMM
	Memory Speed	2666 MHz 2400 MHz 2133 MHz
	# of DIMM's	24
	Max Memory Size	3072 GB
	Integrated GPU	Aspeed AST2500
	# of 3.5 hot-swap bays	24
	Backplanes	SAS3/SATA3
	# of PCIe x16 3.0	2
	# of PCIe x8 3.0	1
	# of USB Ports	2 x USB 3.0 (rear) 1 x USB 3.0 Type A
	# of SATA Ports	8
	# of SAS Ports	8
	Storage Controllers	8 x AHCI iSATA 6Gb/s LSI 3108 12Gb/s
	Integrated RAID	0,1,5,10
	Hardware RAID	0,1,5,6,10,50,60
	# of Serial Ports	1 x Fast UART 16550 (header)
	Network Controllers	SIOM Networking
	Integrated BMC	IPMI Dedicated RJ45
	BMC chip	Aspeed AST2500
	TPM	1 x TPM 1.2 20-pin Header
	Power Supply	Redundant
	PSU Wattage	1600 W
	PSU Certification	80+ Titanium
	Chassis Dimensions	437 x 89 x 863mm
	Uwagi	Hot-swap Configuration: 24x Hot-swap 3.5" SAS3/SATA3 drive bays 2x Hot-swap 2.5" SATA3 drive bays (rear) 2x Optional Onboard NVMe M.2

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs



SSG-6029P-E1CR24H • SuperServer 6029P-E1CR24H (Black)

Motherboard



[Super X11DSC+](#)

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
- 24 DIMM slots
 - Up to 3TB ECC 3DS LRDIMM, 512GB ECC RDIMM, DDR4 up to 2666MHz

- Memory Type
- 2666/2400/2133MHz ECC DDR4 SDRAM

On-Board Devices



- Chipset
- Intel® C621 chipset
 - SAS3 (12Gbps) via Broadcom 3108; HW RAID
- SAS
- RAID 0, 1, 5, 6, 10, 50, 60
- SATA
- SATA3 (6Gbps); RAID 0, 1, 5, 10
 - Support for Intelligent Platform Management Interface v.2.0
- IPMI
- IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
- Video
- ASPEED AST2500 BMC

Input / Output



- Serial ATA
- 8 SATA3 (6Gbps) ports
- LAN
- 1 RJ45 Dedicated IPMI LAN port
- USB
- 2 USB 3.0 ports (rear)
 - 1 Type A
- Video
- 1 VGA D-Sub connector port
- Serial Port / Header
- 1 Fast UART 16550 port / 1 Header

System BIOS



- BIOS Type
- AMI UEFI

Management



- Software
- Intel® Node Manager
 - [IPMI 2.0](#)
 - NMI
 - [SSM, 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
 - Monitoring for CPU and chassis
- Temperature environment
- Thermal Control for fan connectors



Chassis



- Form Factor
- 2U Rackmount
- Model
- **CSE-826STS-R1K62P1**

Dimensions



- Width
- 17.2" (437mm)
- Height
- 3.5" (89mm)
- Depth
- 34" (863mm)

Gross Weight

- 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
- 2 PCI-E 3.0 x16 slots
 - 1 PCI-E 3.0 x8 slot

Drive Bays



- Hot-swap
- 24 Hot-swap 3.5" SAS3/SATA3 drive bays
 - 2 Hot-swap 2.5" SATA3 drive bays (rear)
- Optional
- 2 Optional Onboard NVMe M.2

Backplane



- SAS3 12Gb/s direct attached storage backplane, w/ 24x SAS3 2.5" drive slots

System Cooling



- Fans
- 5x 8cm high-performance PWM fans

Power Supply

1600W Redundant Power Supplies with PMBus

- Total Output Power
- 1000W/1600W

- Dimension (W x H x L)
- 73.5 x 40 x 203 mm

- Input
- 100-127Vac / 13 - 9A / 50-60Hz
 - 200-240Vac / 10 - 8A / 50-60Hz
- +12V
- Max: 83.3A / Min: 0A (100-127Vac)
 - Max: 133A / Min: 0A (200-240Vac)

- 12Vsb
- Max: 2.1A / Min: 0A

- Output Type
- 25 Pairs Gold Finger Connector

Certification



UL/cUL/CB/BSMI/CE/CCC

Titanium Level

[Test Report]

Operating Environment



- RoHS
- RoHS Compliant

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

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.

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superstorage-server-ssg-6029p-e1cr24h-2u-dp-24xlff-lsi-3108-red-psu-p-3689.html>