

Supermicro SuperStorage Server SSG-6028R-E1CR12H 2U DP 12xLFF LSI 3108 2x10GbE RED PSU

Kod producenta: SSG-6028R-E1CR12H



Chassis Form Factor	Rack 2U
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 LRDIMM DDR4 ECC RDIMM
Memory Speed	2400 MHz 2133 MHz 1866 MHz 1600 MHz
# of DIMM's	16
Max Memory Size	2048 GB
Integrated GPU	Aspeed AST2400
# of 2.5 hot-swap bays	12
# of 2.5 Hybrid NVMe bays	4
Backplanes	SAS3/SATA3
# of PCIe x16 3.0	1
# of PCIe x8 3.0	6
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A 2 x USB 2.0 (rear) 2 x USB 2.0 (header)
# of SATA Ports	10
# of Super DOM	2
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s LSI 3108 12Gb/s AOC
Integrated RAID	0,1,5,10
Hardware RAID	0, 1, 5, 6, 10, 50, 60
# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
# of 10GbE Ports	2 x RJ45
Network Controllers	Intel x540 Dual Port 10 Gigabit Base-T
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	920 W
PSU Certification	80+ Platinum
Chassis Dimensions	437 x 89 x 648mm
Uwagi	PCI-Express Slots Configuration: 1 PCI-E 3.0 x16 6 PCI-E 3.0 x8 Slot 1&2 occupied by controller and JBOD expansion port)

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs



SSG-6028R-E1CR12H • SuperServer 6028R-E1CR12H (Black)

Motherboard



[Super X10DRH-IT](#)

Processor/Cache



CPU • Intel® Xeon® processor E5-2600 v4¹/ v3 family (up to 145W TDP) *
• Dual Socket R3 (LGA 2011)

Cores / Cache • Up to **22 Cores**¹ / Up to **55MB**¹ Cache

System Bus • QPI up to 9.6 GT/s

Note ¹ 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 • 16x 288-pin DDR4 DIMM slots
• Up to 2TB¹ ECC 3DS LRDIMM, 512 ECC RDIMM

Memory Type • **2400**¹/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit

DIMM Sizes • RDIMM: 64GB, 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 • SAS3 (12Gbps) via LSI 3108 AOC; HW RAID 0,1,5,6,10,50,60

SATA • SATA3 (6Gbps) with 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
• ASPEED AST2400 BMC

Network Controllers • Intel® X540 Dual Port 10GbE
• Virtual Machine Device Queues reduce I/O overhead

• Supports 10GBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
• 1x Realtek RTL8201N PHY (dedicated IPMI)

Graphics • ASPEED AST2400 BMC

Input / Output



LAN • 2x RJ45 10GBase-T LAN ports
• 1x RJ45 Dedicated IPMI LAN port

USB • 2x USB 3.0 ports (rear)
• 2x USB 2.0 ports (rear)
• 1x Type A

VGA • 1x VGA port

Serial Port / Header • 1x Fast UART 16550 port / 1 Header



Chassis



Form Factor • 2U Rackmount

Model • [CSE-826BE1C-R920LPB](#)

Dimensions



Width • 17.2" (437mm)

Height • 3.5" (89mm)

Depth • 25.6" (648mm)

Weight • Gross Weight: 58 lbs (26.3 kg)
• Net Weight: 34 lbs (15.4 kg)

Available Colors • Black

Front Panel



Buttons • Power On/Off button
• System Reset button

LEDs • Power status LED
• Hard drive activity LED
• 2x Network activity LEDs
• System Overheat LED
• Power fail LED

Expansion Slots



PCI-Express • 1x PCI-E 3.0 x16 slot
• 6x PCI-E 3.0 x8 slots
• Slot 1 & 2 occupied by controller and JBOD Expansion Port

Drive Bays



Hot-swap • 12x 3.5" Hot-swap SAS3/SATA3 drive bays

Optional • 2x 2.5" Hot-swap HDD bays (rear)

Backplane



SAS3/SATA3 single expander per backplane

System Cooling



Fans • 3x 8cm hot-swap redundant PWM cooling fans

Power Supply with Power Distributor



920W high-efficiency (94%+) AC-DC Redundant power supplies with PMBus and I2C

AC Input • 100-240 V, 50-60 Hz, 11-4.5 Amp

DC Output • 4 Amp @ +5V standby
• 75 Amp @ +12V

Certification **Platinum Certified**
[[Test Report](#)]

System BIOS



BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS

• Plug and Play (PnP)
• APM 1.2
• PCI 2.2
• ACPI 1.0 / 2.0
• USB Keyboard support
• SMBIOS 2.3
• UEFI

Operating Environment / Compliance



RoHS • RoHS Compliant
• Operating Temperature:
10°C to 35°C (50°F to 95°F)

Environmental Spec. • 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 !!!

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-6028r-e1cr12h-2u-dp-12xlff-lsi-3108-2x10gbe-red-psu-p-1939.html>