

Supermicro SuperStorage Server SSG-6038R-E1CR16H 3U DP 16xLFF LSI 3108 2x10GbE RED PSU

Kod producenta: SSG-6038R-E1CR16H



Chassis Form Factor	Rack 3U
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	16
Max Memory Size	2048 GB
Integrated GPU	Aspeed AST2400
# of 3.5 hot-swap bays	16
Backplanes	SAS3
# 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
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 Base-T
Network Controllers	Intel x540 Dual Port 10 Gigabit Base-T
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	920W
PSU Certification	80+ Platinum
Chassis Dimensions	437 x 132 x 648mm
Uwagi	PCI-Express Slots Configuration: Slot 1 & 2 occupied by controller and JBOD Expansion Port

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

SSG-6038R-E1CR16H • SuperServer 6038R-E1CR16H (Black)

Motherboard

Super X10DRH-iT

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 • 16x 288-pin DDR4 DIMM slots
• Up to 2TB[†] ECC 3DS LRDIMM, 512 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 • SAS3 (12Gbps) via LSI 3108 AOC; HW RAID
• RAID 0, 1, 5, 6, 10, 50, 60

SATA • SATA3 (6Gbps) with RAID 0, 1, 5, 10

IPMI • Support for Intelligent Platform Management Interface v.2.0
• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
• ASPEED AST2400 BMC

Network Controllers • Dual 10GBase-T LAN with Intel® X540 Ethernet Controller
• 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 • 3U Rackmount
Model • **CSE-836BE1C-R920B**

Dimensions

Width • 17.2" (437mm)
Height • 5.2" (132mm)
Depth • 25.5" (648mm)
Weight • Gross Weight: 79 lbs (35.8 kg)
• Net Weight: 48 lbs (21.8 kg)

Available Colors • Black

Front Panel

Buttons • Power On/Off button
• System Reset button
• Power status LED
• Hard drive activity LED

LEDs • 2x Network activity LEDs
• System Overheat LED
• Power fail LED

Expansion Slots

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

Drive Bays

Hot-swap • 16x 3.5" Hot-swap SAS3/SATA3 Drive Bays

Optional OS Drive • 2x 2.5" optional rear Hot-swap 2.5" Drive Bays

Backplane

SAS3 12Gbps single expander backplane, w/ 16x SAS3 3.5" drive slots and 2x mini-SAS HD connectors for JBOD expansion

System Cooling

Fans • 2x 80mm hot-swap rear exhaust cooling fans
• Redundant cooling

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

BIOS Features • 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)
• Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)

Environmental Spec. • 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-6038r-e1cr16h-3u-dp-16xlf-lsi-3108-2x10gbe-red-psu-p-1965.html>