

Supermicro SuperStorage Server SSG-6028R-E1CR24N 2U DP 24xLFF SIOM RED PSU

Kod producenta: SSG-6028R-E1CR24N



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 3DS LRDIMM DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2400 MHz 2133 MHz 1866 MHz 1600 MHz
# of DIMM's	24
Max Memory Size	3072 GB
Integrated GPU	Aspeed AST2400
# of 3.5 hot-swap bays	24
# 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	4
# of Super DOM	2
Storage Controllers	4 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)
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	1600W
PSU Certification	80+ Titanium
Chassis Dimensions	437 x 89 x 864mm
Uwagi	HDD bays configuration: Optional 8x SAS3 (AOM-S3108M-H8L) Network Controllers: SIOM AOC Compatibility Matrix:AOC-MGP-i2 AOC-MGP-i4 AOC-MTGN-i2S AOC-MTGN-i4S

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

SSG-6028R-E1CR24N • SuperServer 6028R-E1CR24N (Black)

Motherboard

Super X10DSC+

Processor/Cache

CPU	<ul style="list-style-type: none">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 * Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.

System Memory

Memory Capacity	<ul style="list-style-type: none">24x 288-pin DDR4 DIMM slotsUp to 3TB[†] ECC 3DS LRDIMM, 512GB ECC RDIMM
Memory Type	<ul style="list-style-type: none">2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bitRDIMM: 64GB, 32GB, 16GB, 8GB, 4GBLRDIMM: 64GB, 32GB3DS LRDIMM: 128GB
DIMM Sizes	
Memory Voltage	• 1.2 V
Error Detection	• Corrects single-bit errors

On-Board Devices

Chipset	<ul style="list-style-type: none">Intel® C612 chipsetLSI 3108 SAS3 onboardHardware RAID 0, 1, 5, 6, 10, 50, 60
SAS3	
SATA	<ul style="list-style-type: none">SATA3 (6Gbps); RAID 0, 1, 5, 10Support for Intelligent Platform Management Interface v.2.0
IPMI	<ul style="list-style-type: none">IPMI 2.0 with virtual media over LAN and KVM-over-LAN supportASPEED AST2400 BMCSIOM support for flexible networking options
Network Controllers	
Graphics	<ul style="list-style-type: none">ASPEED AST2400 BMC

Input / Output

LAN	<ul style="list-style-type: none">LAN ports via SIOM Add-On-Card: (See SIOM Compatibility Matrix)
USB	<ul style="list-style-type: none">3 USB 3.0 ports (2 rear + 1 Type A)
Video	<ul style="list-style-type: none">1 VGA port
Serial Port / Header	<ul style="list-style-type: none">1 Fast UART 16550 port / 1 Header

Chassis

Form Factor	• 2U Rackmount
Model	• CSE-826SE1C4-R1K62

Dimensions

Width	• 17.2" (437mm)
Height	<ul style="list-style-type: none">• 3.5" (89mm)• 34" (863.6mm)
Depth	<ul style="list-style-type: none">• With Cable Management Arm Installed:41" (1041.4mm)

Available Colors	• Black
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Front Panel

Buttons	<ul style="list-style-type: none">• Power On/Off button• System Reset button• Power status LED• Hard drive activity LED• 2 Network activity LEDs• System Overheat LED• Power fail LED
LEDs	

Expansion Slots

PCI-Express	<ul style="list-style-type: none">• 2 PCI-E 3.0 x16 slots• 1 PCI-E 3.0 x8 slots
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Drive Bays

Hot-swap	<ul style="list-style-type: none">• 24x 3.5" Hot-swap SAS3/SATA3 drive bays• Optional 2x 2.5" rear Hot-swap SATA drive bays
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Backplane

Two 12 port SAS3 12G expander backplanes, each supporting up to 12x 2.5" SAS3 drives

System Cooling

Fans	• 5x 8cm hot-swap redundant PWM cooling fans
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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	<ul style="list-style-type: none">• 100-127Vac / 13 - 9A / 50-60Hz• 200-240Vac / 10 - 8A / 50-60Hz
+12V	<ul style="list-style-type: none">• Max: 83.3A / Min: 0A (100-127Vac)• Max: 133A / Min: 0A (200-240Vac)
12Vsb	<ul style="list-style-type: none">• Max: 2.1A / Min: 0A
Output Type	• 25 Pairs Gold Finger Connector



Certification	UL/cUL/CB/BSMI/CE/CCC Titanium Level [Test Report]
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System BIOS

BIOS Type	<ul style="list-style-type: none">• 128Mb SPI Flash EEPROM with AMI BIOS• Plug and Play (PnP)• APM 1.2
BIOS Features	<ul style="list-style-type: none">• PCI 2.2• ACPI 1.0 / 2.0• USB Keyboard support• SMBIOS 2.3• UEFI

Operating Environment / Compliance

RoHS	<ul style="list-style-type: none">• RoHS Compliant
Environmental Spec.	<ul style="list-style-type: none">• 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.

<https://www.superstorage.pl/supermicro-superstorage-server-ssg-6028r-e1cr24n-2u-dp-24xlff-siom-red-p-su-p-1930.html>