

# Supermicro SuperStorage Server SSG-2028R-E1CR24N 2U DP 24xSFF LSI 3108 4x10GbE RED PSU

Kod producenta: SSG-2028R-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 2.5 hot-swap bays	24
Backplanes	SAS3
# of PCIe x16 3.0	2
# of PCIe x8 3.0	3
# of PCIe x4 2.0	1
# of USB Ports	2 x USB 3.0 (rear) 1 x USB 3.0 Type A 2 x USB 2.0 (rear)
# 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	4 x Base-T
Network Controllers	Intel x540 Quad 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 89 x 630mm
Uwagi	PCI-Express Slots Configuration: 2 PCI-E 3.0 x16 3 PCI-E 3.0 x8 1 PCI-E 2.0 x4 (in x8) slot Slot 3& 4occupied by controller and JBOD expansion port)

*Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:*

Product SKUs		<input type="checkbox"/>
SSG-2028R-E1CR24N • SuperServer 2028R-E1CR24N (Black)		<input type="checkbox"/>
Motherboard		<input type="checkbox"/>
<a href="#">Super X10DRi-T4+</a>		
Processor/Cache		<input type="checkbox"/>
CPU	<ul style="list-style-type: none"> <li>Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP) *</li> <li>Dual Socket R3 (LGA 2011)</li> </ul>	
Cores / Cache	Up to <b>22 Cores</b> <sup>1</sup> / Up to <b>55MB</b> <sup>1</sup> Cache	
System Bus	QPI up to 9.6 GT/s	
Note	<sup>1</sup> 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		<input type="checkbox"/>
Memory Capacity	<ul style="list-style-type: none"> <li>24x 288-pin DDR4 DIMM slots</li> <li>Up to 3TB<sup>1</sup> ECC 3DS LRDIMM, 1.5TB ECC RDIMM</li> </ul>	
Memory Type	<ul style="list-style-type: none"> <li><b>2400</b>/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit</li> <li>RDIMM: 32GB, 16GB, 8GB, 4GB</li> </ul>	
DIMM Sizes	<ul style="list-style-type: none"> <li>LRDIMM: 64GB, 32GB</li> <li>3DS LRDIMM: 128GB</li> </ul>	
Memory Voltage	1.2 V	
Error Detection	Corrects single-bit errors	
On-Board Devices		<input type="checkbox"/>
Chipset	Intel® C612 chipset	
SATA	<ul style="list-style-type: none"> <li>SATA3 (6Gbps); RAID 0, 1, 5, 10</li> <li>LSI 3108 SAS3 AOC</li> </ul>	
SAS3 AOC	<ul style="list-style-type: none"> <li>Hardware RAID 0, 1, 5, 6, 10, 50, 60</li> <li>Support for Intelligent Platform Management Interface v.2.0</li> </ul>	
IPMI	<ul style="list-style-type: none"> <li>IPMI 2.0 with virtual media over LAN and KVM-over-LAN support</li> <li>ASPEED AST2400 BMC</li> <li>Intel® X540 Quad Port 10GBase-T</li> </ul>	
Network Controllers	<ul style="list-style-type: none"> <li>Virtual Machine Device Queues reduce I/O overhead</li> <li>Supports 10GBase-T, 100BASE-TX, and 1000BASE-T, RJ45 output</li> </ul>	
Video	ASPEED AST2400 BMC	
Input / Output		<input type="checkbox"/>
LAN	<ul style="list-style-type: none"> <li>4x RJ45 10GBase-T ports</li> <li>1x RJ45 Dedicated IPMI LAN port</li> </ul>	
USB	<ul style="list-style-type: none"> <li>3x USB 3.0 ports (2 rear + 1 Type A)</li> <li>2x USB 2.0 ports (2 rear)</li> </ul>	
Video	1x VGA port	
Serial Port / Header	1x Fast UART 16550 port / 1 Header	
Chassis		<input type="checkbox"/>
Form Factor • 2U Rackmount		<input type="checkbox"/>
Model • <a href="#">CSE-216BE1C-R920LPB</a>		
Dimensions		<input type="checkbox"/>
Width	17.2" (437mm)	
Height	3.5" (89mm)	
Depth	24.8" (630mm)	
Gross Weight	61 lbs (27.7 kg)	
Available Colors	Black	
Front Panel		<input type="checkbox"/>
Buttons	<ul style="list-style-type: none"> <li>Power On/Off button</li> <li>System Reset button</li> <li>Power status LED</li> <li>Hard drive activity LED</li> <li>2x Network activity LEDs</li> <li>System Overheat LED</li> <li>Power fail LED</li> </ul>	
LEDs		
Expansion Slots		<input type="checkbox"/>
PCI-Express	<ul style="list-style-type: none"> <li>2 PCI-E 3.0 x16 slots</li> <li>3 PCI-E 3.0 x8 slots</li> <li>1 PCI-E 2.0 x4 (in x8) slot</li> <li>Slot 3 &amp; 4 occupied by controller and JBOD Expansion Port</li> </ul>	
Drive Bays		<input type="checkbox"/>
Hot-swap	24x 2.5" Hot-swap SAS3/SATA3 HDD bays	
Backplane		<input type="checkbox"/>
SAS3 12Gbps single expander backplane, w/ 24x SAS3 2.5" drive slots and 4x mini-SAS HD connectors for SAS3 uplink/downlink		
System Cooling		<input type="checkbox"/>
Fans	3x 8cm 7K RPM, 4-pin PWM fans	
Power Supply with Power Distributor		<input type="checkbox"/>
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	<ul style="list-style-type: none"> <li>4 Amp @ +5V standby</li> <li>75 Amp @ +12V</li> </ul>	
Certification	<input type="checkbox"/> <input type="checkbox"/> <b>Platinum Certified</b> <a href="#">[ Test Report ]</a>	
System BIOS		<input type="checkbox"/>
BIOS Type	<ul style="list-style-type: none"> <li>128Mb SPI Flash EEPROM with AMI BIOS</li> <li>Plug and Play (PnP)</li> <li>APM 1.2</li> <li>PCI 2.2</li> </ul>	
BIOS Features	<ul style="list-style-type: none"> <li>ACPI 1.0 / 2.0</li> <li>USB Keyboard support</li> <li>SMBIOS 2.3</li> <li>UEFI</li> </ul>	
Operating Environment / Compliance		<input type="checkbox"/>
RoHS	<ul style="list-style-type: none"> <li>RoHS Compliant</li> <li>Operating Temperature: 10°C to 35°C (50°F to 95°F)</li> <li>Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)</li> </ul>	
Environmental Spec.	<ul style="list-style-type: none"> <li>Operating Relative Humidity: 8% to 90% (non-condensing)</li> <li>Non-operating Relative Humidity: 5% to 95% (non-condensing)</li> </ul>	

## 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-2028r-e1cr24n-2u-dp-24xsff-lsi-3108-4x10gbe-red-psu-p-1934.html>

