

Supermicro SuperStorage Server SSG-2028R-E1CR48N 2U DP 48xSFF LSI 3108 SIOM RED PSU

Kod producenta: SSG-2028R-E1CR48N



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	48
# 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 (rear) 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 767mm
Uwagi	Network Controllers: SIOM AOC Compatibility Matrix:AOC-MGP-i2 AOC-MGP-i4 AOC-MTGN-i2S AOC-MTG-i4S

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs		Chassis	
SSG-2028R-E1CR48N	• SuperServer 2028R-E1CR48N (Black)	Form Factor	• 2U Rackmount
Motherboard		Model	• CSE-226STS-R1K62P1
Super X10DSC+		Dimensions	
Processor/Cache		Width	• 17.2" (437mm)
CPU	• Intel® Xeon® processor E5-2600 v4 [†] / v3 family (up to 145W TDP) *	Height	• 3.5" (89mm)
Cores / Cache	• Up to 22 Cores [†] / Up to 55MB [†] Cache	Depth	• 30.2" (767mm)
System Bus	• QPI up to 9.6 GT/s	Available Colors	• With Cable Management Arm Installed: 35.2" (895mm)
Note	[†] BIOS version 2.0 or above is required		• Black
Note	* Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.	Front Panel	
System Memory		Buttons	• Power On/Off button
Memory Capacity	• 24x 288-pin DDR4 DIMM slots	LEDs	• System Reset button
Memory Type	• Up to 3TB [†] ECC 3DS LRDIMM, 768GB ECC RDIMM		• Power status LED
DIMM Sizes	• 2400 /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit		• Hard drive activity LED
Memory Voltage	• RDIMM: 32GB, 16GB, 8GB, 4GB		• 2x Network activity LEDs
Error Detection	• LRDIMM: 64GB, 32GB		• System Overheat LED
	• 3DS LRDIMM: 128GB		• Power fail LED
	• 1.2 V	Expansion Slots	
	• Corrects single-bit errors	PCI-Express	• 2x PCI-E 3.0 x16 slots
On-Board Devices			• 1x PCI-E 3.0 x8 slots
Chipset	• Intel® C612 chipset	Drive Bays	
SAS3	• LSI 3108 SAS3 onboard	Hot-swap	• 48x 2.5" Hot-swap SAS3/SATA3 drive bays
SATA	• Hardware RAID 0, 1, 5, 6, 10, 50, 60		• 2x 2.5" rear Hot-swap drive bays
IPMI	• SATA3 (6Gbps); RAID 0, 1, 5, 10	Backplane	
	• Support for Intelligent Platform Management Interface v.2.0	Two 24 port SAS3 12G expander backplanes, each supporting up to 24x 2.5" SAS3 drives	
Network Controllers	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	System Cooling	
Video	• ASPEED AST2400 BMC	Fans	• 5x 8cm hot-swap redundant PWM cooling fans
Input / Output		Power Supply	
LAN	• LAN ports via SIOM Add-On-Card: (See SIOM Compatibility Matrix)	1600W Redundant Power Supplies with PMBus	
USB	• 3x USB 3.0 ports (2 rear + 1 Type A)	Total Output Power	• 1000W/1600W
Video	• 1x VGA port	Dimension (W x H x L)	• 73.5 x 40 x 203 mm
Serial Port / Header	• 1x Fast UART 16550 port / 1 Header	Input	• 100-127Vac / 13 - 9A / 50-60Hz
		+12V	• 200-240Vac / 10 - 8A / 50-60Hz
		12Vsb	• Max: 83.3A / Min: 0A (100-127Vac)
		Output Type	• Max: 133A / Min: 0A (200-240Vac)
			• Max: 2.1A / Min: 0A
			• 25 Pairs Gold Finger Connector
		Certification	 UL/cUL/CB/BSMI/CE/CCC Titanium Level [Test Report]
System BIOS		System BIOS	
BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS	BIOS Features	• Plug and Play (PnP)
	• APM 1.2		• PCI 2.2
	• ACPI 1.0 / 2.0		• USB Keyboard support
	• SMBIOS 2.3		• SMBIOS 2.3
	• UEFI		• UEFI
Operating Environment / Compliance		Operating Environment / Compliance	
RoHS	• RoHS Compliant	Environmental Spec.	• Operating Temperature: 10°C to 35°C (50°F to 95°F)
	• 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)
	• Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)		• Operating Relative Humidity: 8% to 90% (non-condensing)
	• Operating Relative Humidity: 8% to 90% (non-condensing)		• Non-operating Relative Humidity: 5% to 95% (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.

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superstorage-server-ssg-2028r-e1cr48n-2u-dp-48xsff-lsi-3108-siom-red-psu-p-1928.html>