

Supermicro SuperStorage Server SSG-2028R-E1CR48L 2U DP 48xSFF LSI 3008 SIOM RED PSU

Kod producenta: SSG-2028R-E1CR48L



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	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 3008 12Gb/s IT
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
Network Controllers	SIOM Networking AOC Matrix
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	1600 W
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-E1CR48L	• SuperServer 2028R-E1CR48L (Black)	Form Factor Model	• 2U Rackmount • CSE-226STS-R1K62P1
Motherboard		Dimensions	
Super X10DSC+		Width	• 17.2" (437mm)
		Height	• 3.5" (89mm)
			• 30.2" (767mm)
		Depth	• With Cable Management Arm Installed: 35.2" (895mm)
		Available Colors	• Black
Processor/Cache		Front Panel	
CPU	• Intel® Xeon® processor E5-2600 v4 [†] / v3 family (up to 145W TDP) * • Dual Socket R3 (LGA 2011)	Buttons	• Power On/Off button • System Reset button
Cores / Cache	• Up to 22 Cores [†] / Up to 55MB [†] Cache	LEDs	• Power status LED • Hard drive activity LED • 2x Network activity LEDs • System Overheat LED • Power fail LED
System Bus	• QPI up to 9.6 GT/s		
Note	[†] BIOS version 2.0 or above is required	Expansion Slots	
Note	* Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.	PCI-Express	• 2x PCI-E 3.0 x16 slots • 1x PCI-E 3.0 x8 slots
System Memory		Drive Bays	
Memory Capacity	• 24x 288-pin DDR4 DIMM slots • Up to 3TB [†] ECC 3DS LRDIMM, 768 ECC RDIMM	Hot-swap	• 48x 2.5" Hot-swap SAS3/SATA3 drive bays • 2x 2.5" rear Hot-swap drive bays
Memory Type	• 2400 [†] /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	Backplane	
DIMM Sizes	• RDIMM: 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB	Two 24 port SAS3 12G expander backplanes, each supporting up to 24x 2.5" SAS3 drives	
Memory Voltage	• 1.2 V	System Cooling	
Error Detection	• Corrects single-bit errors	Fans	• 5x 8cm hot-swap redundant PWM cooling fans
On-Board Devices		Power Supply	
Chipset	• Intel® C612 chipset	1600W Redundant Power Supplies with PMBus	
SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10	Total Output Power	• 1000W/1600W
SAS3	• LSI 3008 SAS3 IT mode	Dimension (W x H x L)	• 73.5 x 40 x 203 mm
IPMI	• Support for Intelligent Platform Management Interface v.2.0	Input	• 100-127Vac / 13 - 9A / 50-60Hz • 200-240Vac / 10 - 8A / 50-60Hz
	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	+12V	• Max: 83.3A / Min: 0A (100-127Vac) • Max: 133A / Min: 0A (200-240Vac)
	• ASPEED AST2400 BMC	12Vsb	• Max: 2.1A / Min: 0A
Network Controllers	• SIOM support for flexible networking options	Output Type	• 25 Pairs Gold Finger Connector
Video	• ASPEED AST2400 BMC	Certification	 UL/cUL/CB/BSMI/CE/CCC Titanium Level [Test Report]
Input / Output		System BIOS	
LAN	• LAN ports via SIOM Add-On-Card: (See SIOM Compatibility Matrix)	BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS
USB	• 3x USB 3.0 ports (2 rear + 1 Type A)	BIOS Features	• Plug and Play (PnP)
Video	• 1x VGA port		• APM 1.2
Serial Port / Header	• 1x Fast UART 16550 port / 1 Header		• PCI 2.2
			• ACPI 1.0 / 2.0
			• USB Keyboard support
			• SMBIOS 2.3
			• UEFI
		Operating Environment / Compliance	
		RoHS	• RoHS Compliant
		Environmental Spec.	• 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.

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superstorage-server-ssg-2028r-e1cr48l-2u-dp-48xsff-lsi-3008-siom-red-psu-p-1929.html>