

Supermicro SuperStorage Server SSG-2028R-NR48N 2U DP 48xSFF SIOM RED PSU

Kod producenta: SSG-2028R-NR48N



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	2
# of 2.5 Hybrid NVMe 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 sSATA 6Gb/s
Integrated RAID	0,1,10
# 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 HDD bays configuration: 48x 2.5" Hot-swap NVMe drive bays 2x 2.5" rear Hot-swap drive bays

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs		Chassis	
SSG-2028R-NR48N	• SuperServer 2028R-NR48N (Black)	Form Factor Model	• 2U Rackmount • CSE-226STS-R1K62P1
Motherboard		Dimensions	
Super X10DSC+		Width	• 17.2" (437mm)
		Height	• 3.5" (89mm)
		Depth	• 30.2" (767mm) • With Cable Management Arm Installed: 35.2" (895mm)
		Available Colors	• Black
Processor/Cache		Front Panel	
CPU	• Intel® Xeon® processor E5-2600 v4 ¹ / 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 ¹ / Up to 55MB ¹ 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	¹ BIOS version 2.0 or above is required * Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.		
Note			
System Memory		Expansion Slots	
Memory Capacity	• 24x 288-pin DDR4 DIMM slots • Up to 3TB ¹ ECC 3DS LRDIMM, 768GB ECC RDIMM	PCI-Express	• 2x PCI-E 3.0 x16 slots • 1x PCI-E 3.0 x8 slots • Slot 3 Occupied by NVMe AOC
Memory Type	• 2400 ¹ /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		Backplane	
Chipset	• Intel® C612 chipset • Support for Intelligent Platform Management Interface v.2.0	Two 24 port NVMe backplanes, each supporting up to 24x 2.5" NVMe SSDs	
IPMI	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC		
Network Controllers	• SIOM support for flexible networking options		
Video	• ASPEED AST2400 BMC		
Input / Output		System Cooling	
LAN	• LAN ports via SIOM Add-On-Card: (See SIOM Compatibility Matrix)	Fans	• 5x 8cm hot-swap redundant PWM cooling fans
USB	• 3x USB 3.0 ports (2 rear + 1 Type A)		
Video	• 1x VGA port		
Serial Port / Header	• 1x Fast UART 16550 port / 1 Header		
		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	• 100-127Vac / 13 - 9A / 50-60Hz • 200-240Vac / 10 - 8A / 50-60Hz
		+12V	• Max: 83.3A / Min: 0A (100-127Vac) • Max: 133A / Min: 0A (200-240Vac)
		12Vsb	• Max: 2.1A / Min: 0A
		Output Type	• 25 Pairs Gold Finger Connector
		Certification	 UL/cUL/CB/BSMI/CE/CCC Titanium Level [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
		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-nr48n-2u-dp-48xsff-siom-red-ps-u-p-1927.html>