

Supermicro SuperServer SYS-2028R-C1R 2U DP 16xSFF LSI3108 2xGbE RED PSU

Kod producenta: SYS-2028R-C1R



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	16
Max Memory Size	2048 GB
Integrated GPU	Aspeed AST2400
# of 2.5 hot-swap bays	16
Optical drives	1x Slim DVD-ROM (optional)
# of PCIe x16 3.0	1
# of PCIe x8 3.0	6
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A 2 x USB 2.0 (rear) 2 x USB 2.0 (header)
# of SATA Ports	10
# of Super DOM	2
# of SAS Ports	8
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 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)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i350 Dual Port Gigabit Ethernet
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	920 W
PSU Certification	80+ Platinum

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs		Chassis	
SYS-2028R-C1R • SuperServer 2028R-C1R (Black)		Form Factor • 2U Rackmount Model • CSE-213AC-R920LPB	
Motherboard		Dimensions and Weight	
Super X10DRH-C		Height • 3.5" (89mm) Width • 17.2" (437mm) Depth • 24.8" (630mm) Package • 10.5" (H) x 26.5" (W) x 38" (D) Weight • Net Weight: 38 lbs (17.4 kg) • Gross Weight: 63 lbs (28.8 kg) Available Color • Black	
Processor/Cache		Front Panel	
CPU • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP) * • Dual Socket R3 (LGA 2011) Cores / Cache • Up to 22 Cores ¹ / Up to 55MB ¹ Cache System Bus • QPI up to 9.6 GT/s Note † 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.		Buttons • Power On/Off button • System Reset button • Power LED • Hard drive activity LED LEDs • 2x Network activity LEDs • System Overheat LED / Fan fail LED / UID LED	
System Memory		Expansion Slots	
Memory Capacity • 16x 288-pin DDR4 DIMM slots • Up to 2TB ¹ ECC 3DS LRDIMM, 512GB ECC RDIMM Memory Type • 2400/2133/1866/1600MHz 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		PCI-Express • 1x PCI-E 3.0 x16 • 6x PCI-E 3.0 x8 (Low-profile AOC)	
On-Board Devices		Drive Bays	
Chipset • Intel® C612 chipset SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10 SAS • LSI 3108 SAS3 (12Gbps) controller; HW RAID 0, 1, 5, 6, 10, 50, 60 IPMI • Support for Intelligent Platform Management Interface v.2.0 • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC Network Controllers • Intel® i350 Gigabit Ethernet • Virtual Machine Device Queues reduce I/O overhead • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output Graphics • ASPEED AST2400 BMC		Hot-swap • 8x 2.5" SAS3 and 8x 2.5" SATA3 Hot-swap drive bays Peripheral • Optional DVD-ROM drive supports 1x slim or 1x 5.25" DVD drive	
Input / Output		System Cooling	
SATA • 8x SATA3 (6Gbps) ports SAS • 8x SAS3 (12Gbps) ports LAN • 2x RJ45 Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port USB • 2x USB 3.0 ports (2 rear) • 4x USB 2.0 ports (2 rear, 2 front) • 1x USB Type A Video • 1x VGA Connector Serial Port / Header • 2x Fast UART 16550 serial • 2x COM Ports (1 rear, 1 front)		Fans • 3x 8cm heavy duty fans with optimal fan speed control	
System BIOS		Power Supply with Power Distributor	
BIOS Type • 128Mb SPI Flash EEPROM with AMI® BIOS • Plug and Play (PnP) • APM 1.2 • DMI 2.3 • PCI 2.2 • ACPI 1.0 / 2.0 BIOS Features • USB Keyboard support • Hardware BIOS Virus protection • SMBIOS 2.3 • UEFI • RTC (Real Time Clock) Wakeup		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 • 4 Amp @ +5V standby • 75 Amp @ +12V Certification Platinum Certified [Test Report]	
		PC Health Monitoring	
		CPU • Monitors for CPU Cores, +1.5V, +3.3V, +5V, +12V, +5 Stdby, +3.3 Stdby, VBAT, Memory Voltages. • CPU Core 6-Phase-switching voltage regulator FAN • Total of five 4-pin PWM fans • 5x fans with tachometer monitoring • Status monitor for speed control • Status monitor for on/off control • Low noise fan speed control Temperature • Monitoring for CPU and chassis environment • CPU thermal trip support • Thermal Control for 10x Fan Connectors • PSU IFC temperature sensing logic • Thermal Monitor 2 (TM2) support • PECI LED • Power Fail / Overheat LED • Suspend-state Indicator LED • UID LED Other Features • SDDC Support	
		Operating Environment / Compliance	
		RoHS • RoHS Compliant • 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) Environmental Spec. • Operating Relative Humidity: 8% to 90% (non-condensing) • Non-operating Relative Humidity: 5% to 95% (non-condensing)	

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-superserver-sys-2028r-c1r-2u-dp-16xsff-lsi3108-2xgbe-red-psu-p-997.html>