

Supermicro SuperServer SYS-5028R-WR 2U DP 8xLFF 2xGbE RED PSU

Kod producenta: SYS-5028R-WR

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 Intel Xeon E5-1600v3
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	8
Max Memory Size	1024 GB
Integrated GPU	ASPEED AST2400
# of 3.5 hot-swap bays	8
Backplanes	SAS3/SATA3
Optical drives	1x Slim DVD-ROM (optional)
# of PCIe x8 3.0	5
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 2.0 (rear) 2 x USB 2.0 (header)
# of SATA Ports	8
# of SATA DOM power	2
Storage Controllers	4 x AHCI iSATA 6Gb/s 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)
# 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	500 W
PSU Certification	80+ Platinum
Rack Rails	17.2" W Rail Set Quick/ Quick
Chassis Dimensions	437 x 89 x 648mm
Uwagi	PCI-Express Slots Configuration: 5x PCIe 3.0 x8 slots via riser card 5x PCIe 3.0 x8 slots



Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

SYS-5028R-WR • SuperServer 5028R-WR (**Black**)

Motherboard

Super X10SRW-F

Processor

CPU

- Intel® Xeon® processor E5-2600 v4[†] / v3, E5-1600 v4[†]/ v3 family (up to 145W TDP **)
- Single Socket R3 (LGA 2011)

Core / Cache

- Up to **22 Cores**[†] / Up to **55MB**[†] Cache

Note

- [†] BIOS version 2.0 or above is required

Note

- ** Motherboard supports this maximum TDP. Please verify your system can thermally support

System Memory

Memory

- 8x 288-pin DDR4 DIMM slots
- Up to 1TB ECC 3DS LRDIMM
- Up to 512GB ECC LRDIMM
- Up to 256GB ECC RDIMM

Memory Type

- **2400**[†]/ 2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (RDIMM / LRDIMM) / 284-pin gold-plated DIMMs

DIMM Sizes

- 3DS LRDIMM: 128GB
- LRDIMM: 64GB, 32GB
- RDIMM: 32GB, 16GB, 8GB, 4GB

Memory Voltage

- 1.2 V

Error Detection

- Corrects single-bit errors
- Detects double-bit errors (using ECC memory)

On-Board Devices

Chipset

- Intel® C612 chipset

SATA

- SATA3 (6Gbps) via C612 controller
- RAID 0, 1, 10 support

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
- Intel® i350-AM2 Dual Port Gigabit Ethernet
- Virtual Machine Device Queues reduce I/O overhead

Network Controllers

- Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
- 1x Realtek RTL8201N PHY (dedicated IPMI)

Video

- ASPEED AST2400 BMC

Input / Output

SATA

- 8x SATA3 (6Gbps) ports

LAN

- 2x RJ45 Gigabit Ethernet LAN ports
- 1x RJ45 Dedicated IPMI LAN port

USB

- 2x USB 2.0 ports (front)
- 2x USB 2.0, 3.0 ports (rear)

Video

- 1x VGA port

Serial Port / Header

- 1x Fast UART 16550 serial port
- 1x internal header

Chassis

Form Factor

- 2U Rackmount

Model

- **CSE-825TQ-R500WB**

Dimensions

Height

- 3.5" (88.9mm)

Width

- 17.2" (437mm)

Depth

- 25.5" (648mm)

Package

- 11" (H) x 26.5" (W) x 34.5" (D)

Weight

- Gross Weight: 59 lbs (26.7 kg)
- Net Weight: 34 lbs (15.4 kg)

Available Colors

- Black

Front Panel

Buttons

- Power On/Off button
- System Reset button

LEDs

- Power LED
- Hard drive activity LED
- 2x Network activity LEDs
- System Overheat LED

Expansion Slots

PCI-Express

- 4x PCI-E 3.0 x8 Full-height Full-length slots
- 1x PCI-E 3.0 x8 Low-profile Half-length slot

Drive Bays

Hot-swap

- 8x 3.5" Hot-swap SATA3 drive bays

Backplane

SAS/SATA HDD Backplane
(SAS support requires optional SAS controller)

System Cooling

Fans

- 3x 80x80x38mm 7K RPM Cooling fans

Power Supply with Power Distributor

500W high-efficiency redundant power supplies with PMBus

AC Input

- 100-240 V, 50-60 Hz, 6.1-2.6 Amp

DC Output

- 4 Amp @ +5V standby
- 41.7 Amp @ +12V

With Power Distributor

- +5V: 30 Amp
- +3.3V: 24 Amp
- -12V: 0.6 Amp

Certification



Platinum Certified
[Test Report]

System BIOS

BIOS Type

- 8MB SPI Flash EEPROM with AMI BIOS

BIOS Features

- DMI 2.3
- PCI 2.3
- ACPI 1.0 / 2.0
- USB Keyboard support
- SMBIOS 2.3

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 !!!

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-5028r-wr-2u-dp-8xlf-2xgbe-red-psu-p-749.html>