

Supermicro SuperServer SYS-2029UZ-TR4+ 2U DP 24xSFF 4xGbE RED PSU

Kod producenta: SYS-2029UZ-TR4+



Chassis Form Factor	Rack 2U
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	2
Supported CPU's	Intel Xeon Scalable 2nd Gen Intel Xeon Scalable 1stt Gen
Max CPU TDP	205 W
Chipset	Intel C621
Memory Type	DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2666 MHz 2400 MHz 2133 MHz
# of DIMM's	24
Max Memory Size	3072 GB
Integrated GPU	Aspeed AST2500
# of 2.5 hot-swap bays	24
# of PCIe x16 3.0	1
# of PCIe x8 3.0	7
# of USB Ports	2 x USB 3.0 (rear) 1 x USB 3.0 Type A
# of SATA Ports	10
# of Super DOM	2
Storage Controllers	8 x AHCI iSATA 6Gb/s 2 x sSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 1GbE Ports	4 x RJ45
Network Controllers	Intel i350 Quad Port Gigabit Ethernet (AOC-2UR68-i4G)
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
Power Supply	Redundant
PSU Wattage	1600 W
PSU Certification	80+ Titanium
Chassis Dimensions	437 x 89 x 705mm
Uwagi	Drive Bays/Storage: 20x SAS3+4 SAS3/NVMe 1x M.2 NVMe and 1x M.2 SATA3 via optional RSC-UMR-8 2x M.2 NVMe via optional AOC-SLG3-2M2

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

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.

Product SKUs

SYS-2029UZ-TR4+ • SuperServer 2029UZ-TR4+ (Black)

Motherboard

Super X11DPU-Z+

Processor/Cache

- CPU
- Cores
- Dual Socket P (LGA 3647)
 - Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/s
 - Support CPU TDP 70-205W
 - Up to 28 Cores with Intel® HT Technology

System Memory

-
- Memory Capacity
- Memory Type
- 24 DIMM slots
 - Up to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to 2666MHz
 - 2666/2400/2133MHz ECC DDR4 SDRAM

On-Board Devices

- Chipset
- SATA
- Network Connectivity
- IPMI
- Graphics
- Intel® C621 chipset
 - SATA3 (6Gbps); RAID 0, 1, 5, 10
 - 4x 1GbE LAN ports via Intel® i350 (AOC-2UR68-i4G)
 - Support for Intelligent Platform Management Interface v.2.0
 - IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
 - ASPEED AST2500 BMC

Input / Output

- SATA
- LAN
- USB
- Video
- Serial Port
- DOM
- 10 SATA2 (6Gbps) ports
 - 4 GbE ports
 - 1 RJ45 Dedicated IPMI LAN port
 - 3 USB 3.0 ports (2 rear, 1 Type A)
 - 2 VGA ports (1 rear, 1 onboard)
 - 1 Serial header
 - 2 SuperDOM (Disk on Module) ports

System BIOS

- BIOS Type
- AMI 32Mb SPI Flash ROM

Management

-
- Software
- Power Configurations
- Intel® Node Manager
 - Redfish API
 - IPMI 2.0
 - KVM with dedicated LAN
 - NMI
 - SSM, SPM, SUM
 - SuperDoctor® 5
 - ACPI Power Management

PC Health Monitoring

- CPU
- FAN
- Temperature
- Monitors for CPU Cores, Chipset Voltages, Memory.
 - 4+1 Phase-switching voltage regulator
 - Fans with tachometer monitoring
 - Status monitor for speed control
 - Pulse Width Modulated (PWM) fan connectors
 - Monitoring for CPU and chassis environment
 - Thermal Control for fan connectors

Chassis

- Form Factor
- Model
- 2U Rackmount
 - CSE-219U2AC4-R1K62-T

Dimensions and Weight

- Height
- Width
- Depth
- Weight
- Available Color
- 3.5" (89mm)
 - 17.2" (437mm)
 - 27.76" (705mm)
 - Net Weight: 36 lbs (16.4 kg)
 - Gross Weight: 72 lbs (32.7 kg)
 - Black

Front Panel

- Buttons
- LEDs
- Power On/Off button
 - System UID button
 - Power LED
 - Hard drive activity LED
 - Network activity LEDs
 - UID LED

Expansion Slots

-
- PCI-Express
- 1 PCI-E 3.0 x16 slot (FH, 10.5"L)
 - 5 PCI-E 3.0 x8 slot (FH, 10.5"L)
 - 1 PCI-E 3.0 x8 slot (LP)
 - 1 PCI-E 3.0 x8 slot (internal LP)

Drive Bays / Storage

-
- Hot-swap
- 24 Hot-swap 2.5" drive bays
 - Optional 20 SAS3 + 4 SAS3/NVMe
 - 2 Rear Hot-swap 2.5" drive bays

System Cooling

- Fans
- 4 Heavy duty 8cm fans

Power Supply

-
- Total Output Power
- Dimension (W x H x L)
- Input
- +12V
- 12Vsb
- Output Type
- 1600W Redundant Power Supplies with PMBus
- 1000W/1600W
 - 73.5 x 40 x 203 mm
 - 100-127Vac / 13 - 9A / 50-60Hz
 - 200-240Vac / 10 - 8A / 50-60Hz
 - Max: 83.3A / Min: 0A (100-127Vac)
 - 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]

Operating Environment

- RoHS
- Environmental Spec.
- RoHS Compliant
 - Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)
 - Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
 - Operating Relative Humidity: 8% to 90% (non-condensing)
 - Non-operating Relative Humidity: 5% to 95% (non-condensing)

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-2029uz-tr4-2u-dp-24xsff-4xgbe-red-psu-p-3399.html>