

Supermicro SuperServer SYS-1029U-TRTP2 1U DP 10xSFF 2xGbE 2x10GbE SFP+ RED PSU

Kod producenta: SYS-1029U-TRTP2



Chassis Form Factor	Rack 1U
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	2
Supported CPU's	Intel Xeon Scalable Processors
Max CPU TDP	205 W
Chipset	Intel C621
Memory Type	DDR4 ECC 3DS 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	10
# of PCIe x16 3.0	2
# of PCIe x8 3.0	2
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A
# of SATA Ports	10
# of SAS Ports	8
Storage Controllers	10 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 10GbE Ports	2 x SFP+
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i350 Dual Port Gigabit Ethernet Intel X710-AM2 Dual SFP+ 10 Gigabit Ethernet LAN ports (AOC-URN2-I4GXS-O)
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2500
Power Supply	Redundant
PSU Wattage	750W
PSU Certification	80+ Platinum
Chassis Dimensions	437 x 43 x 724mm
Uwagi	Drive Bays/Storage: 10x SATA3 (2x hybrid ports-2x NVMe opt.) 8x SAS3 ports support via AOC 1x M.2 NVMe&1x M.2 SATA3 via opt.RSC-UMR-8 2x M.2 NVMe via opt.

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-1029U-TRTP2 • SuperServer 1029U-TRTP2 (Black)

Motherboard

Super X11DPU

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 with IVR
 - 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
- SAS
- Network Connectivity
- IPMI
- Graphics
- Intel® C621 chipset
 - SAS3 (12Gbps) support via AOC
 - 2 10G SFP+ ports and 2 1GbE ports via AOC-URN2-I4GXS-O (Intel X710-AM2 and Intel i350-AM2)
 - 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

- SAS
- LAN
- USB
- Video
- Serial Port
- 10 SAS3 ports support via optional Add-on Card
 - 2 10G SFP+ ports
 - 2 RJ45 Gigabit Ethernet ports
 - 1 RJ45 Dedicated IPMI LAN port
 - 5 USB 3.0 ports (2 rear, 2 front, 1 Type A)
 - 2 VGA ports (1 rear, 1 onboard)
 - 1 Serial header

System BIOS

- BIOS Type
- AMI 32Mb SPI Flash ROM

Management

- Software
- Power Configurations
- Intel® Node Manager
 - [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 8x fan connectors

Chassis

- Form Factor
- Model
- 1U Rackmount
 - **CSE-119UAC2-R751-T**

Dimensions and Weight

- Height
- Width
- Depth
- Weight
- Available Color
- 1.7" (43mm)
 - 17.2" (437mm)
 - 27.8" (707mm)
 - Net Weight: 26 lbs (11.8 kg)
 - Gross Weight: 41 lbs (18.6 kg)
 - Black

Front Panel

- Buttons
- LEDs
- Power On/Off button
 - System Reset button
 - Power LED
 - Hard drive activity LED
 - Network activity LEDs
 - System Overheat LED / Fan fail LED / UID LED

Expansion Slots

- PCI-Express
- 2 PCI-E 3.0 x16 (Full-height, 10.5" L)
 - 2 PCI-E 3.0 x8 (1 LP, 1 internal LP)
- (Both CPUs need to be installed for full access to PCI-E slots and onboard controllers. See manual block diagram and [AOC Support](#) for details.)

Drive Bays

- Hot-swap
- 10 Hot-swap 2.5" drive bays; 10 SATA3 (2 hybrid ports - 2 NVMe opt.)

System Cooling

- Fans
- Air Shroud
- 8 heavy duty fans with optimal fan speed control
 - 1 Air Shroud

Power Supply

- 750W Redundant Power Supplies with PMBus
- Total Output Power
- Dimension (W x H x L)
- Input
- +12V
- 12V SB
- Output Type
- 750W
 - 73.5 x 40 x 203 mm
 - 100-127Vac / 9.5A Max / 50-60Hz
 - 200-240Vac / 4.5A Max / 50-60Hz
 - Max: 62.5A / Min: 0A
 - Max: 2.1A / Min: 0A
 - 25 Pairs Gold Finger Connector

Certification



Platinum 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-1029u-trtp2-1u-dp-10xsff-2xgbe-2x10gbe-sfp-red-psu-p-3155.html>