

Supermicro SuperServer SYS-1029U-TR4 1U DP 10xSFF 4xGbE RED PSU

Kod producenta: SYS-1029U-TR4



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
Storage Controllers	10 x AHCI iSATA 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 i350AM4 Quad Port Gigabit Ethernet
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	HDD bays configuration: 10x SATA3 (2 hybrid ports-2 NVMe opt.) 8x SAS3 ports support (SAS Add-on card is opt.) Network Connectivity Intel i350AM4 via AOC-UR-i4G

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-TR4 • SuperServer 1029U-TR4 (**Black**)

Motherboard

[Super X11DPU](#)

Processor/Cache

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

System Memory

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

On-Board Devices

- Chipset
 - Intel® C621 chipset
- SATA
 - SATA3 (6Gbps); RAID 0, 1, 5, 10
- Network Connectivity
 - 4 Gigabit Ethernet ports via AOC-UR-i4G (Intel® i350AM4)
 - 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
- IPMI
- Graphics

Input / Output

- SATA
 - 10 SATA3 (6Gbps) ports
- SAS
 - 8 SAS3 ports support via optional Add-on Card
- LAN
 - 4 RJ45 Gigabit Ethernet ports
 - 1 RJ45 Dedicated IPMI LAN port
- USB
 - 5 USB 3.0 ports (2 rear, 2 front, 1 Type A)
- Video
 - 2 VGA ports (1 rear, 1 onboard)
- Serial Port
 - 1 Serial header

System BIOS

- BIOS Type
 - AMI 32Mb SPI Flash ROM

Management

- Software
 - Intel® Node Manager
 - [IPMI 2.0](#)
 - KVM with dedicated LAN
 - NMI
 - [SSM](#), [SPM](#), [SUM](#)
 - [SuperDoctor® 5](#)
- Power Configurations
 - ACPI Power Management

PC Health Monitoring

- CPU
 - Monitors for CPU Cores, Chipset Voltages, Memory.
 - 4+1 Phase-switching voltage regulator
- FAN
 - Fans with tachometer monitoring
 - Status monitor for speed control
 - Pulse Width Modulated (PWM) fan connectors
- Temperature
 - Monitoring for CPU and chassis environment
 - Thermal Control for 8x fan connectors

Chassis

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

Dimensions and Weight

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

Front Panel

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

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)
- PCI-Express (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
 - 8 heavy duty fans with optimal fan speed control
- Air Shroud
 - 1 Air Shroud

Power Supply

750W Redundant AC-DC Power Supplies, +12V/+12Vsb output

- AC Input
 - 100-127Vac, 50-60Hz
 - 200-240Vac, 50-60Hz
 - Max: 62.5A & Min: 0A (100Vac-127Vac)
- +12V
 - Max: 62.5A & Min: 0A (200Vac-240Vac)
- 12V SB
 - Max: 2.1A
 - Min: 0A



Certification **Platinum Level**

[[Test Report](#)]

Operating Environment

- RoHS
 - RoHS Compliant
- Environmental Spec.
 - 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-tr4-1u-dp-10xsff-4xgbe-red-psu-p-3140.html>