

# Supermicro SuperServer SYS-1029U-TR4T 1U DP 10xSFF 4x10GbE RED PSU

Kod producenta: SYS-1029U-TR4T



|                        |                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>DDR4 ECC RDIMM                                                                                                                                              |
| Memory Speed           | 2666 MHz<br>2400 MHz<br>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)<br>2 x USB 3.0 (header)<br>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 10GbE Ports       | 4 x Base-T                                                                                                                                                                         |
| Network Controllers    | Intel x710-B Quad Port 10 Gigabit Base-T                                                                                                                                           |
| Integrated BMC         | IPMI 2.0<br>KVM-over-LAN<br>Virtual Media over LAN<br>IPMI Dedicated RJ45 PHY                                                                                                      |
| Power Supply           | Redundant                                                                                                                                                                          |
| PSU Wattage            | 750W                                                                                                                                                                               |
| PSU Certification      | 80+ Platinum                                                                                                                                                                       |
| Chassis Dimensions     | 437 x 43 x 707mm                                                                                                                                                                   |
| Uwagi                  | HDD bays configuration:<br>10 SATA3 (2 hybrid ports - 2 NVMe opt.)<br>8x SAS3 ports support (SAS Add-on card is optional)<br>Network Connectivity<br>Intel X710-B via AOC-UR-i4XTF |

*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-TR4T • SuperServer 1029U-TR4T (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
- SATA
- Network Connectivity
- IPMI
- Graphics
- Intel® C621 chipset
  - SATA3 (6Gbps); RAID 0, 1, 5, 10
  - 4x 10GBase-T ports via AOC-UR-i4XTF (Intel® X710-B)
  - 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
- SAS
- LAN
- USB
- Video
- Serial Port
- 10 SATA3 (6Gbps) ports
  - 8 SAS3 ports support via optional Add-on Card
  - 4 RJ45 10GBase-T 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 AC-DC Power Supplies, +12V/+12Vsb output

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

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-tr4t-1u-dp-10xsff-4x10gbe-red-psu-p-3151.html>