

**Supermicro SuperServer SYS-6029U-TR4 2U DP 12xLFF 4xGbE
RED PSU**

Kod producenta: SYS-6029U-TR4

Category	Virtualization Hyperconverge Storage
Order option	Complete System
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 1st Gen
Max CPU TDP	205 W
Chipset	C621
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM
Memory Speed	2933 MHz 2666 MHz 2400 MHz 2133 MHz
# of DIMM's	24
Max Memory Size	6 TB
Integrated GPU	ASPEED AST2500
# of 3.5 hot-swap bays	12
Backplanes	SAS3/SATA3
# of PCIe x16 3.0	1
# of PCIe x8 3.0	7
# of USB Ports	3 x USB 3.0
Storage interface	Native SATA
# of SATA DOM power	2
Storage Controllers	Intel C621
Integrated RAID	0 1 5 10
# of M.2 2280	1
# of Serial Ports	1 x Fast UART 16550 (header)
# of 1GbE Ports	4 x RJ45
Network Controllers	Intel i350AM4
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 10-pin Header
Power Supply	Redundant
PSU Wattage	1000 W
PSU Certification	80+ Titanium

Chassis Dimensions: 189 x 437 x 723 mm

Product SKUs

SYS-6029U-TR4 • SuperServer 6029U-TR4 (**Black**)

Motherboard

Super X11DPU

Processor/Cache

- CPU
- Dual Socket P (LGA 3647)
 - Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/s
- Cores
- Support CPU TDP 70-205W with IVR
 - 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) with RAID 0, 1, 5, 10
- Network Connectivity
- 4 GbE ports via AOC-2UR68-I4G-P (Intel i350AM4)
 - Support for Intelligent Platform Management Interface v.2.0
 - IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
- IPMI
- ASPEED AST2500 BMC
- Graphics

Input / Output

- SATA
- 12 SATA3 (6Gbps) ports
- SAS
- 8 SAS3 + 4 SAS3/NVMe support optional
- LAN
- 4 RJ45 Gigabit Ethernet LAN ports
 - 1 RJ45 Dedicated IPMI LAN port
- USB
- 3 USB 3.0 ports (2 rear, 1 Type A)
- Video
- 2 VGA ports (1 rear, 1 onboard)
- Serial Port / Header
- 1 Serial header
- DOM
- 2 SuperDOM (Disk on Module) ports

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
- 2U Rackmount
- Model
- CSE-829U2AC4-R1K02-T

Dimensions and Weight

- Width
- 17.2" (437mm)
- Height
- 3.5" (89mm)
- Depth
- 28.46" (723mm)
- Weight
- Net Weight: 36 lbs (16.4 kg)
 - Gross Weight: 72 lbs (32.7 kg)
- Available Colors
- Black

Front Panel

- Buttons
- Power On/Off button
 - System Reset button
 - Power status LED
 - HDD activity LED
- LEDs
- Network activity LEDs
 - System information (overheat/UID) LED

Expansion Slots

- PCI-Express
- 1 PCI-E 3.0 x16 (FH, 10.5" L)
 - 5 PCI-E 3.0 x8 (FH, 10.5" L)
 - 1 PCI-E 3.0 x8 (LP)
 - 1 PCI-E 3.0 x8 (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
- 12 Hot-swap 3.5" drive bays
 - 12 SATA3 ports by default; Optional 8 SAS3 + 4 NVMe/SAS3

Backplane

- 2U SAS/SATA backplane

System Cooling

- Fans
- 4 Heavy duty 8cm PWM fans

Power Supply

- 1000W Redundant Power Supplies with PMBus
- Total Output Power
- 800W/1000W
- Dimension (W x H x L)
- 73.5 x 40 x 203 mm
- Input
- 100-127Vac / 9.8 - 7A / 50-60Hz
 - 200-240Vac / 7 - 5A / 50-60Hz
- +12V
- Max: 66.7A / Min: 0A (100-127Vac)
 - Max: 83A / Min: 0A (200-240Vac)
- 12Vsb
- Max: 2.1A / Min: 0A
- Output Type
- 25 Pairs Gold Finger Connector

- Certification
- UL/cUL/CB/BSMI/CE/CCC
 - Titanium Level
 - [Test Report]

Operating Environment

- RoHS
- 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)
- Environmental Spec.
- Operating Relative Humidity: 8% to 90% (non-condensing)
 - Non-operating Relative Humidity: 5% to 95% (non-condensing)

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.

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-6029u-tr4-2u-dp-12xlf-4xgbe-red-psu-p-3268.html>