

Supermicro SuperServer SYS-6029P-TRT 2U DP 8xLFF 2x10GbE RED PSU

Kod producenta: SYS-6029P-TRT



Category	Cloud and Virtualization needs Compute Intensive Application
Order option	Barebone
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	C622Â
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM
Memory Speed	2933 MHz 2666 MHz 2400 MHz 2133 MHz
# of DIMM's	16
Max Memory Size	4 TB
Integrated GPU	ASPEED AST2600
# of 3.5 hot-swap bays	8
Backplanes	SAS3/SATA3
# of PCIe x16 3.0	4
# of PCIe x8 3.0	2
# of USB Ports	3 x USB 3.0 4 x USB 2.0
Storage interface	Native SATA
# of SATA DOM power	2
Storage Controllers	Intel C741
Integrated RAID	0 1 5 10
# of M.2 22110	1
# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
# of 10GbE Ports	2 x RJ45
Network Controllers	Intel I210
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2600
TPM	1 x TPM 2.0 10-pin Header
Power Supply	Redundant
PSU Wattage	1000 W
PSU Certification	80+ Titanium

Product SKUs

SYS-6029P-TRT • SuperServer 6029P-TRT (**Black**)

Motherboard


[Super X11DPi-NT](#)

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

- 16 DIMM slots
- Up to 2TB ECC 3DS LRDIMM, 512GB ECC RDIMM, DDR4 up to 2666MHz

Memory Type

- 2666/2400/2133MHz ECC DDR4 SDRAM

On-Board Devices


Chipset

- Intel® C622 chipset

SATA

- SATA3 (6Gbps); RAID 0, 1, 5, 10
- Intel® X722 10GBase-T Ethernet Controller
- Virtual Machine Device Queues reduce I/O overhead
- Supports 10GBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
- Support for Intelligent Platform Management Interface v.2.0
- IPMI 2.0 with virtual media over LAN and KVM-over-LAN support

Network Controllers

- ASPEED AST2500 BMC

IPMI

Graphics

Input / Output


SATA

- 8 SATA3 (6Gbps) ports

LAN

- 2 RJ45 10GBase-T Ethernet LAN ports
- 1 RJ45 Dedicated IPMI LAN port

USB

- Rear USB: 2 USB 3.0 + 2 USB 2.0
- Front USB: 2 USB 2.0
- USB Header: 1 Type A

VGA

- 1 VGA port

Serial Port / Header

- 2 Fast UART 16550 serial
- 2 COM Ports (1 rear, 1 header)

DOM

- 2 SuperDOM (Disk on Module) ports

System BIOS

BIOS Type

- AMI UEFI

Management


Software

- Intel® Node Manager
- [IPMI 2.0](#)
- KVM with dedicated LAN
- [SSM](#), [SPM](#), [SUM](#)
- [SuperDoctor® 5](#)
- Watch Dog

Power Configurations • ACPI / APM 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 16+ fan connectors

Chassis

Form Factor • 2U Rackmount
Model • [CSE-825TQC-R1K03LPB](#)

Dimensions and Weight


Width • 17.2" (437mm)
Height • 3.5" (89mm)
Depth • 25.5" (647mm)
Package • 26.7" (H) x 11.4" (W) x 34.5" (D)
Weight • Net Weight: 35.5 lbs (16.1 kg)
• Gross Weight: 69 lbs (31.2 kg)
Available Colors • Black

Front Panel


Buttons

- Power On/Off button
- System Reset button
- UID button

LEDs

- Power status LED
- HDD activity LED
- Network activity LEDs
- System information (overheat/UID) LED

Expansion Slots


PCI-Express

- 4 PCI-E 3.0 x16 (Low-profile)
- 2 PCI-E 3.0 x8 (Low-profile)

Drive Bays

Hot-swap

- 8 Hot-swap 3.5" SATA drive bays

Backplane

2U SAS/SATA backplane

System Cooling

Fans

- 3 Heavy duty 80mm fans with PWM fan speed control

Power Supply (76mm Width)

1000W Redundant Power Supplies with PMBus
Total Output Power • 800W/1000W
Dimension (W x H x L) • 76 x 40 x 336 mm
Input

- 100-127Vac / 12-9A / 50-60Hz
- 200-240Vac / 7.2-6A / 50-60Hz
- Max: 66.7A & Min. 0A (100-127Vac)
- Max: 83A & Min. 0A (200-240Vac)

+12V

- Max: 4A / Min: 0A

5Vsb

- Max: 4A / Min: 0A

Output Type • 19 Pairs Gold Finger Connector

Certification

- UL/cUL/CB/BSMI/CE/CCC
- **Titanium 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)

UWAGA !!!

Oferowany produkt to platforma serwerowa służąca do budowy swojej własnej konfiguracji serwera (nie zawiera CPU, RAM czy HDD).

Jeżeli potrzebujesz kupić gotowy serwer wraz z CPU, RAM, HDD/SDD oraz innymi opcjami koniecznie wyślij do nas zapytanie. Posiadamy najlepsze ceny i dostępność na pełne konfiguracje. Zapewniamy pełne wsparcie techniczne do zakupionych u nas serwerów.

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-6029p-trt-2u-dp-8x1ff-2x10gbe-red-psu-p-3278.html>