

Supermicro SuperServer SYS-1029GP-TR 1U DP 3xGPU 4xSFF SIOM RED PSU

Kod producenta: SYS-1029GP-TR

	Chassis Form Factor	Rack 1U
	CPU Socket	LGA 3647 (Socket P)
	# of CPU sockets	2
	Supported CPU's	Intel Xeon Scalable 1st Gen Intel Xeon Scalable 2nd Gen
	Max CPU TDP	165 W
	Chipset	Intel C621
	Memory Type	DDR4 ECC LRDIMM DDR4 ECC RDIMM
	Memory Speed	2933 MHz 2666 MHz 2400 MHz 2133 MHz
	# of DIMM's	16
	Max Memory Size	2048 GB
	Integrated GPU	Aspeed AST2500
	Hardware GPU	Please refer to: Compatible GPU list
	# of 2.5 hot-swap bays	4
	# of PCIe x16 3.0	4
	# of PCIe x8 3.0	1
	# of USB Ports	2 x USB 3.0 (rear)
	# of SATA Ports	2
	Storage Controllers	2 x SATA 6Gb/s
	Integrated RAID	0,1,5,10
	# of Serial Ports	1 x Fast UART 16550 (header)
	Network Controllers	SIOM Networking
	Integrated BMC	IPMI Dedicated RJ45
	BMC chip	Aspeed AST2500
	Power Supply	Redundant 1+1
	PSU Wattage	1600 W
	PSU Certification	80+ Platinum
	Chassis Dimensions	437 x 43 x 777 mm
	Uwagi	PCI-Express Slots Configuration: 4xPCI-E 3.0 x16 (FHFL) slots 1x PCI-E 3.0 x8 (in x16, LP) slot 1x SIOM for flexible Networking 3x GPUs Supports

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

UWAGA !!!

Oferowany produkt to platforma serwerowa służąca do budowy swojej własnej konfiguracji serwera (nie zawiera CPU, RAM czy HDD). Kompletny serwer lub platforma serwerowa wymaga zamówienia wybranego modułu SIOM.

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.

Product SKUs



SYS-1029GP-TR • SuperServer 1029GP-TR (**Black**)

Motherboard



Super X11DPG-SN

Processor/Cache



- CPU
 - Dual Socket P (LGA 3647)
 - Intel® Xeon® Scalable Processors, 3 UPI up to 10.4GT/s
 - Support CPU TDP 70-165W*
- Cores
 - Up to 28 Cores with Intel® HT Technology
- Note
 - * 165W support ambient up to 25C.
- GPU Support
 - Please refer to: [Compatible GPU list](#)

System Memory



- Memory
 - 16 DIMM slots
 - Up to 2TB ECC 3DS LRDIMM, 2TB ECC RDIMM, DDR4 up to 2666MHz
- Capacity
- Memory Type
 - 2666/2400/2133MHz ECC DDR4 SDRAM

On-Board Devices



- Chipset
 - Intel® C621 chipset
- SATA
 - SATA3 (6Gbps) with RAID 0, 1, 5, 10
 - Support for Intelligent Platform Management Interface v.2.0
- IPMI
 - IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
- Graphics
 - ASPEED AST2500 BMC

Input / Output



- SATA
 - 2 SATA3 (6Gbps) ports, 2 miniSAS ports
- LAN
 - 1 RJ45 Dedicated IPMI LAN port
- USB
 - 2 USB 3.0 ports (rear)
- Video
 - 1 VGA port
- Serial Header
 - 1 Fast UART 16550 header

System BIOS



- BIOS Type
 - AMI 32Mb SPI Flash ROM

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 fan connectors



Chassis



- Form Factor
 - 1U Rackmount
- Model
 - **CSE-118GH-R1K66B**

Dimensions and Weight



- Height
 - 1.7" (43mm)
- Width
 - 17.2" (437mm)
- Depth
 - 30.6" (777mm)
- Weight
 - Net Weight: 45 lbs (15.9 kg)
 - Gross Weight: 58 lbs (21.8 kg)
- Available Color
 - Black

Front Panel



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

Expansion Slots



- PCI-Express
 - 4 PCI-E 3.0 x16 (FHFL) slots
 - 1 PCI-E 3.0 x8 (in x16, LP) slot

Drive Bays



- Hot-swap
 - 4 Hot-swap 2.5" drive bays

System Cooling



- Fans
 - 10 Heavy duty 4cm counter-rotating fans with air shroud & optimal fan speed control

Power Supply



- 1600W 1U Redundant Power Supplies with PMBus
- Total Output Power
 - 1000W/1600W
- Dimension (W x H x L)
 - 73.5 x 40 x 265 mm
- Input
 - 100-127Vac / 12.9A Max / 50-60Hz
 - 200-240Vac / 9.5A Max / 50-60Hz
- +12V
 - Max: 82A / Min: 0.1A (100-127Vac)
 - Max: 132A / Min: 0.1A (200-240Vac)
- 12V SB
 - Max: 2A / Min: 0.2A
- Output Type
 - 25 Pairs Gold Finger Connector

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-1029gp-tr-1u-dp-3xgpu-4xsff-siom-red-psu-p-3640.html>