

Supermicro SuperServer SYS-1028GR-TRT 1U DP 4xSFF 2x10GbE RED PSU

Kod producenta: SYS-1028GR-TRT



Chassis Form Factor	Rack 1U
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2600v4 Intel Xeon E5-2600v3
Max CPU TDP	145W
Chipset	Intel C612 Wellsburg
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2400 MHz 2133 MHz 1866 MHz 1600 MHz
# of DIMM's	16
Max Memory Size	2048 GB
Integrated GPU	Aspeed AST2400
Hardware GPU	3x NVIDIA Keple (option)
# of 2.5 hot-swap bays	4
Backplanes	SATA
# of PCIe x16 3.0	4
# of PCIe x8 3.0	1
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 2 x USB 2.0 (header)
# of SATA Ports	10
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 10GbE Ports	2 x Base-T
Network Controllers	Intel x540 Dual Port 10 Gigabit Base-T
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	1600W
PSU Certification	80+ Platinum
Chassis Dimensions	437 x 43 x 777mm
Uwagi	PCI-Express Slots Configuration: 4x PCI-E 3.0 x16 slots (3x GPU/MIC cards optional) 4x PCI-E 3.0 x8 (1x 10GbE LP slot)

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

✖	SYS-1028GR-TRT • SuperServer 1028GR-TRT (Black)
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Motherboard

✖	Super X10DRG-HT
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Processor/Cache

✖	CPU • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP) * • Dual Socket R3 (LGA 2011) Cores / Cache • Up to 22 Cores[†] / Up to 55MB[†] Cache System Bus • QPI up to 9.6 GT/s Note [†] BIOS version 2.0 or above is required Note • * Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization. GPU/Xeon Phi Support • K1/K2/K10/K40/K80/M40/M60/Xeon Phi
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System Memory

✖	Memory Capacity • 16x 288-pin DDR4 DIMM slots • Up to 2TB[†] ECC 3DS LRDIMM, 1TB ECC RDIMM Memory Type • 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit DIMM Sizes • RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB Memory Voltage • 1.2 V Error Detection • Corrects single-bit errors
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On-Board Devices

✖	Chipset SATA • Intel® C612 chipset • SATA3 (6Gbps) with RAID 0, 1, 5, 10 • Support for Intelligent Platform Management Interface v.2.0 • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC IPMI • Intel® X540 Dual Port 10GBase-T • Virtual Machine Device Queues reduce I/O overhead • Supports 10GBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • ASPEED AST2400 BMC Network Controllers Graphics
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Input / Output

✖	SATA • 10x SATA3 (6Gbps) ports LAN • 2x RJ45 10GBase-T ports • 1x RJ45 Dedicated IPMI LAN port USB • 4x USB 3.0 ports (2 rear, 2 via header) • 2x USB 2.0 ports (2 via headers) Video • 1x VGA Connector Serial Port • 1x Serial header
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System BIOS

✖	BIOS Type • 128Mb SPI Flash EEPROM with AMI® BIOS • Plug and Play (PnP) • APM 1.2 • DMI 2.3 • PCI 2.3 BIOS Features • ACPI 1.0 / 2.0 / 3.0 • USB Keyboard support • SMBIOS 2.7.1 • UEFI
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Chassis

✖	Form Factor • 1U Rackmount Model • CSE-118GH-R1K66B
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Dimensions and Weight

✖	Height • 1.7" (43mm) Width • 17.2" (437mm) Depth • 30.6" (777mm) Package • 24" (H) x 8" (W) x 40" (D) Weight • Net Weight: 35 lbs (15.9 kg) • Gross Weight: 48 lbs (21.8 kg) Available Color • Black
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Front Panel

✖	Buttons • Power On/Off button • System Reset button LEDs • Power LED • Hard drive activity LED • 2x Network activity LEDs • System Overheat LED / Fan fail LED / UID LED
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Expansion Slots

✖	PCI-Express • 4x PCI-E 3.0 x16 slots (3x GPU/Xeon Phi cards optional) • 1x PCI-E 3.0 x8 (in x16) low-profile slot
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Drive Bays

✖	Hot-swap • 4x 2.5" Hot-swap drive bays
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System Cooling

✖	Fans • 10x counter-rotating fans with optimal fan speed control
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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 / 47-63Hz • 200-240Vac / 9.5A Max / 47-63Hz +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
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✖	Certification ✖ ✖ Platinum Level [Test Report]
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PC Health Monitoring

✖	CPU • Monitors for CPU Cores,+1.5V, +3.3V, +5V, +12V, +5 Stdby, +3.3 Stdby, VBAT, Memory Voltages. • 5 Phase-switching voltage regulator FAN • Total of ten 4-pin PWM fans • 10x fans with tachometer monitoring • Status monitor for speed control • Status monitor for on/off control • Low noise fan speed control • Monitoring for CPU and chassis environment • CPU thermal trip support Temperature • Thermal Control for 10x Fan Connectors • PSU I°C temperature sensing logic • Thermal Monitor 2 (TM2) support • PECI LED • Power Fail / Overheat LED • Suspend-state Indicator LED • UID LED Other Features • SDDC Support
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Operating Environment / Compliance

✖	RoHS • RoHS Compliant Operating Temperature: • 10°C to 35°C (50°F to 95°F) Non-operating Temperature: • -40°C to 70°C (-40°F to 158°F) Environmental Spec. Operating Relative Humidity: • 8% to 90% (non-condensing) Non-operating Relative Humidity: • 5% to 95% (non-condensing)
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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-1028gr-trt-1u-dp-4xsff-2x10gbe-red-psu-p-733.html>