

Supermicro SuperServer SYS-2028GR-TRH 2U DP 10xSFF 2xGbE RED PSU

Kod producenta: SYS-2028GR-TRH



Chassis Form Factor	Rack 2U
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	6x NVIDIA Keple (option)
# of 2.5 hot-swap bays	10
# of PCIe x16 3.0	6
# of PCIe x8 3.0	1
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 2.0 (rear) 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 1GbE Ports	2 x RJ45
Network Controllers	Intel i350 Dual Port Gigabit Ethernet
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	2000W
PSU Certification	80+ Platinum
Chassis Dimensions	437 x 43 x 787 mm

Uwagi PCI-Express Slots Configuration:

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs SYS-2028GR-TRH • SuperServer 2028GR-TRH (Black)	
Motherboard Super X10DRG-H	
Processor/Cache CPU Cores / Cache System Bus Note Note GPU/Xeon Phi Support • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP) • • Dual Socket R3 (LGA 2011) • Up to 22 Cores / Up to 55MB Cache • QPI up to 9.6 GT/s • BIOS version 2.0 or above is required • Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization. • K1/K2/K10/K40/K80/M40/M60/Xeon Phi	
System Memory Memory Capacity Memory Type DIMM Sizes Memory Voltage Error Detection • 16x 288-pin DDR4 DIMM slots • Up to 2TB ECC 3DS LRDIMM, 1TB ECC RDIMM • 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit • RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB • 1.2 V • Corrects single-bit errors	
On-Board Devices Chipset SATA IPMI Network Controllers Graphics • Intel® C612 chipset • Intel C612 Controller • 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 • Intel® i350 Dual Port Gigabit Ethernet • Virtual Machine Device Queues reduce I/O overhead • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • ASPEED AST2400 BMC	
Input / Output SATA LAN USB Video Serial Port • 10x SATA3 (6Gbps) ports • 2x RJ45 Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port • 4x USB 3.0 ports (2 rear, 2 via header) • 2x USB 2.0 ports (2 via headers) • 1x VGA Connector • 1x Serial header	
System BIOS BIOS Type BIOS Features • 128Mb SPI Flash EEPROM with AMI® BIOS • Plug and Play (PnP) • APM 1.2 • DMI 2.3 • PCI 2.2 • ACPI 1.0 / 2.0 • USB Keyboard support • Hardware BIOS Virus protection • SMBIOS 2.3 • UEFI • RTC (Real Time Clock) Wakeup	
Chassis Form Factor Model • 2U Rackmount • CSE-218GH-R2K03B	
Dimensions and Weight Height Width Depth Package Weight Available Color • 3.5" (89mm) • 17.2" (437mm) • 31" (787mm) • 26.5" (H) x 11" (W) x 44.5" (D) • Net Weight: 39.5 lbs (17.9 kg) • Gross Weight: 54 lbs (24.5 kg) • Black	
Front Panel Buttons LEDs • Power On/Off button • System Reset button • Power LED • Hard drive activity LED • 2x Network activity LEDs • System Overheat LED / Fan fail LED / UID LED	
Expansion Slots PCI-Express • 6x PCI-E 3.0 x16 slots (support GPU/Xeon Phi cards, option) • 1x PCI-E 3.0 x8 (in x16) low-profile slot	
Drive Bays Hot-swap • 10x 2.5" Hot-swap drive bays	
System Cooling Fans • 5x 8cm heavy duty fans with optimal fan speed control	
Power Supply Total Output Power Dimension (W x H x L) Input 2000W 1U Redundant Power Supplies with PMBus • 1000W/1800W/1980W/2000W • 73.5 x 40 x 265 mm • 100-120Vac / 11.8-9.8A / 50-60Hz • 200-220Vac / 10-9.5A / 50-60Hz • 220-230Vac / 10-9.8A / 50-60Hz • 230-240Vac / 10-9.8A / 50-60Hz • 200-240Vac / 11.8-9.8A / 50-60Hz (UL/CUL only) • Max: 83.3A / Min: 0.1A (100-120Vac) • Max: 150A / Min: 0.1A (200-220Vac) • Max: 165A / Min: 0.1A (220-230Vac) • Max: 166.7A / Min: 0.1A (230-240Vac) • Max: 166.7A / Min: 0.1A (200-240Vac) (UL/CUL only) • Max: 3.5A / Min: 0A • 25 Pairs Gold Finger Connector	
+12V	
12V 5B	
Output Type	
Certification	
Platinum Level [Test Report]	
PC Health Monitoring CPU FAN Temperature LED Other Features • Monitors for CPU Cores, +1.5V, +3.3V, +5V, +12V, +5 Stdbby, +3.3 Stdbby, VBAT, Memory Voltages. • 5 Phase-switching voltage regulator • Total of five 4-pin PWM fans • 5x 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 • Thermal Control for 10x Fan Connectors • PSU I°C temperature sensing logic • Thermal Monitor 2 (TM2) support • PECI • Power Fail / Overheat LED • Suspend-state Indicator LED • UID LED • SDDC Support	
Operating Environment / Compliance RoHS Environmental Spec. • 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) • 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.

<https://www.superstorage.pl/supermicro-superserver-sys-2028gr-trh-2u-dp-10xsff-2xgbe-red-psu-p-993.html>