

Supermicro SuperServer SYS-4028GR-TR 4U DP 24xSFF 2xGbE RED PSU

Kod producenta: SYS-4028GR-TR



Chassis Form Factor	Rack 4U
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2600v4 Intel Xeon E5-2600v3
Max CPU TDP	160 W
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	24
Max Memory Size	3072 GB
Integrated GPU	Aspeed AST2400
# of 2.5 hot-swap bays	24
Backplanes	SAS/SATA
# of PCIe x16 3.0	8
# of PCIe x8 3.0	2
# of PCIe x4 2.0	1
# of USB Ports	4 x USB 3.0 (rear) 1 x USB 3.0 Type A 4 x USB 2.0 (header)
# of SATA Ports	8
# of Super DOM	2
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
Power Supply	Redundant
PSU Wattage	1600W
PSU Certification	80+ Platinum
Chassis Dimensions	437 x 178 x 737mm
Uwagi	PCI-Express Slots Configuration: 8x PCI-E 3.0 x16 slots (support Double-width GPU/Xeon Phi cards) 2x PCI-E 3.0 x8 slots (in x16) 2x PCI-E 3.0 x4 slots (in x16)

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs	
✕ SYS-4028GR-TR • SuperServer 4028GR-TR (Black)	✕ Chassis
Motherboard	✕ Form Factor • 4U Rackmountable
✕	Model • Rackmount Kit (MCP-290-00057-0N)
	• CSE-418GTS-R3200B
Super X10DRG-O+-CPU	
Processor/Cache	
✕	✕ Dimensions
CPU • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 160W TDP) *	Height • 7.0" (178mm)
• Dual Socket R3 (LGA 2011)	Width • 17.2" (437mm)
Cores / Cache • Up to 22 Cores ¹ / Up to 55MB ¹ Cache	Depth • 29" (737mm)
System Bus • QPI up to 9.6 GT/s	Weight • Net Weight: 80 lbs (36.2 kg)
Note ¹ BIOS version 2.0 or above is required	• Gross Weight: 135 lbs (61.2 kg)
* Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.	Available Colors • Black
Note	Drive Bays
GPU/Xeon Phi Support • K10/K40/K80/M40/M60/Xeon Phi	✕ Hot-swap • 24x 2.5" Hard drive bays
System Memory	Expansion Slots
✕	✕
Memory Capacity • 24x 288-pin DDR4 DIMM slots	• 8x PCI-E 3.0 x16 (double-width) slots
• Up to 3TB ¹ ECC 3DS LRDIMM, 1.5TB ECC RDIMM	PCI-Express • 2x PCI-E 3.0 x8 (in x16) slots
Memory Type • 2400 /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	• 1x PCI-E 2.0 x4 (in x16) slot
DIMM Sizes • RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB	
• LRDIMM: 64GB, 32GB	Backplane
DIMM Sizes • 3DS LRDIMM: 128GB	✕
Memory Voltage • 1.2 V	SAS/SATA HDD Backplane
Error Detection • Corrects single-bit errors	
On-Board Devices	System Cooling
✕	✕
Chipset • Intel® C612 chipset	Fans • 8x 92mm RPM Hot-Swappable
SATA • SATA3 (6Gbps) with RAID 0, 1, 5, 10	Cooling Fans • 1x Air Shroud (MCP-310-84806-0B)
	• 1x Air Shroud (MCP-310-84807-0B)
	Shrouds
IPMI • Support for Intelligent Platform Management Interface v.2.0	Ultra Power Supply
• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	✕
• ASPEED AST2400 BMC	1600W 1U Redundant Power Supplies with PMBus
• Dual Gigabit Ethernet Ports with Intel® i350	Total Output • 1000W/1600W
• Virtual Machine Device Queues reduce I/O overhead	Power
• Supports 10BASE-T, 100BASE-TX and 1000BASE-T, RJ45 output	Dimension (W x H x L)
• ASPEED AST2400 BMC	Input • 73.5 x 40 x 265 mm
Graphics	• 100-127Vac / 12.9A Max / 47-63Hz
	• 200-240Vac / 9.5A Max / 47-63Hz
Input / Output	• Max: 82A / Min: 0.1A (100-127Vac)
✕	• Max: 132A / Min: 0.1A (200-240Vac)
SATA • 4x SATA3 (6Gbps) ports	+12V • Max: 2A / Min: 0.2A
LAN • 2x RJ45 Gigabit Ethernet LAN ports	12V SB • Max: 2A / Min: 0.2A
• 1x RJ45 Dedicated IPMI LAN port	Output Type • 25 Pairs Gold Finger Connector
USB • 4x USB 3.0 ports	Certification ✕ ✕ Platinum Level
Video • 1x VGA Connector	[Test Report]
Serial Port • 1x Serial header	
System BIOS	PC Health Monitoring
✕	✕
BIOS Type • 128Mb SPI Flash EEPROM with AMI® BIOS	• Monitors for CPU Cores, +1.2V, 1.5V, +3.3V, +12V, (+3V, 1.0V, 1.2V, 1.8V, 1.1V) Standby, VBAT, Memory, Chipset Voltages.
	CPU • 4-Phase-switching voltage regulator with auto-sense from 0.6V-1.35V
	• APM 1.2
	• DMI 2.3
BIOS Features • PCI 2.3	FAN • 4-pin fan headers with tachometer status monitoring
• ACPI 1.0 / 2.0 / 3.0	• Low noise fan speed control mode
• USB Keyboard support	• Monitoring for CPU and system environment
• SMBIOS 2.7.1	Temperature • Thermal Control for 8x fan connectors
• UEFI	Other Features • Chassis intrusion detection
	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)

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-4028gr-tr-4u-dp-24xsff-2xgbe-red-psu-p-2019.h tml](https://www.superstorage.pl/supermicro-superserver-sys-4028gr-tr-4u-dp-24xsff-2xgbe-red-psu-p-2019.html)