

Supermicro SuperServer SYS-1028GQ-TXRT 1U DP 4xSFF 2x10GbE RED PSU

Kod producenta: SYS-1028GQ-TXRT



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	145 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	16
Max Memory Size	2048 GB
Integrated GPU	Aspeed AST2400
# of 2.5 fixed bays	2
# of 2.5 hot-swap bays	2
# of PCIe x16 3.0	3
# of PCIe x8 3.0	1
# of USB Ports	2 x USB 3.0 (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	2000W
PSU Certification	80+ Titanium
Chassis Dimensions	437 x 43 x 894mm
Uwagi	Key Features: Up to 4 Tesla P100 SXM2 Up to 80 GB/s GPU-to-GPU NVLIN Supports GPU Direct RDMA

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs		Chassis	
SYS-1028GQ-TXRT • SuperServer 1028GQ-TXRT (Black)		Form Factor	• 1U Rackmount
Motherboard		Model	• CSE-118GQP-R2K05B
Super X10DGO		Dimensions and Weight	
Processor/Cache		Height	• 1.7" (43mm)
CPU	• Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP) • Dual Socket R3 (LGA 2011)	Width	• 17.2" (437mm)
Cores / Cache	• Up to 22 Cores / Up to 55MB Cache	Depth	• 35.2" (894mm)
System Bus	• QPI up to 9.6 GT/s		• 35.3" (997mm) with rails
Note	• BIOS version 2.0 or above is required	Package	• 24" (H) x 8" (W) x 46" (D)
Note	• Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.	Weight	• Net Weight: 45 lbs (15.9 kg)
			• Gross Weight: 58 lbs (21.8 kg)
		Available	• Black
		Color	
System Memory		Front Panel	
Memory Capacity	• 16x 288-pin DDR4 DIMM slots	Buttons	• Power On/Off button
Memory Type	• Up to 2TB ECC 3DS LRDIMM, 1TB ECC RDIMM		• System Reset button
DIMM Sizes	• 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	LEDs	• Power LED
Memory Voltage	• RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB		• Hard drive activity LED
Error Detection	• LRDIMM: 64GB, 32GB		• 2 Network activity LEDs
	• 3DS LRDIMM: 128GB		• System Overheat LED / Fan fail LED / UID LED
On-Board Devices		Expansion Slots	
Chipset	• Intel® C612 chipset	PCI-Express	• 3 PCI-E 3.0 x16 slots
SATA	• SATA3 (6Gbps) with RAID 0, 1, 5, 10		• 1 PCI-E 3.0 x8 low-profile slot
IPMI	• Support for Intelligent Platform Management Interface v2.0	Drive Bays	
	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	Hot-swap	• 2x 2.5" Hot-swap drive bays
	• ASPEED AST2400 BMC	Fixed	• 2x 2.5" internal drive bays
Network Controllers	• Intel® X540 Dual Port 10GBase-T	System Cooling	
	• Virtual Machine Device Queues reduce I/O overhead	Fans	• 8x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
Graphics	• Supports 10GBase-T, 100BASE-TX, and 1000BASE-T, RJ45 output	Power Supply	
	• ASPEED AST2400 BMC	2000W Redundant Power Supplies with PMBus	
Input / Output		Total Output	
SATA	• 6 SATA3 (6Gbps) ports	Power	• 1000W/1800W/1980W/2000W
LAN	• 2 RJ45 10GBase-T Ethernet ports	Dimension	• 73.5 x 40 x 265 mm
USB	• 1 RJ45 Dedicated IPMI LAN port	(W x H x L)	
Video	• 2 USB 3.0 ports (2 via headers)	Input	• 100-120Vac / 12-9.5A / 50-60Hz
Serial Port	• 1 VGA Connector		• 200-220Vac / 10-9.5A / 50-60Hz
System BIOS			• 220-230Vac / 10-9.8A / 50-60Hz
BIOS Type	• 128Mb SPI Flash EEPROM with AMI® BIOS		• 230-240Vac / 10-9.8A / 50-60Hz
	• Plug and Play (PnP)		• 200-240Vac / 11.8-9.8A / 50-60Hz (UL/cUL only)
	• APM 1.2	+12V	• Max: 83.3A / Min: 0A (100-120Vac)
	• DMI 2.3		• Max: 150A / Min: 0A (200-220Vac)
	• PCI 2.3		• Max: 165A / Min: 0A (220-230Vac)
BIOS Features	• ACPI 1.0 / 2.0 / 3.0	12Vsb	• Max: 166.7A / Min: 0A (230-240Vac)
	• USB Keyboard support	Output Type	• Max: 166.7A / Min: 0A (200-240Vac) (UL/cUL only)
	• SMBIOS 2.7.1		• Max: 2.1A / Min: 0A
	• UEFI		
		Output Type	• 25 Pairs Gold Finger Connector
		Certification	UL/cUL/CB/BSMI/CE/CCC
			Titanium Level
			[Test Report]
		PC Health Monitoring	
			• Monitors for CPU Cores, +1.5V, +3.3V, +5V, +12V, +5 Stdby, +3.3 Stdby, VBAT, Memory Voltages.
		CPU	• 5 Phase-switching voltage regulator
			• Total of eight 4-pin PWM fans
		FAN	• 8 fans with tachometer monitoring
			• Status monitor for speed control
			• Status monitor for on/off control
			• Low noise fan speed control
		Temperature	• Monitoring for CPU and chassis environment
			• CPU thermal trip support
			• Thermal Control for 8 Fan Connectors
			• PSU I²C temperature sensing logic
			• Thermal Monitor 2 (TM2) support
			• PECI
		LED	• Power Fail / Overheat LED
			• Suspend-state Indicator LED
		Other	• UID LED
		Features	• SDDC Support
		Operating Environment / Compliance	
		RoHS	• RoHS Compliant
			• Operating Temperature: 10°C to 30°C (50°F to 86°F)
		Environmental Spec.	• 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 !!!

Ze względu na wysoki stopień integracji platforma dostępna jest tylko i wyłącznie jako gotowy system wraz z CPU, RAM i HDD oraz dodatkowymi kartami rozszerzeń. Prosimy o kontakt z nami w celu przedstawienia oferty na interesującą Państwa konfigurację.

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-superserver-sys-1028gq-txrt-1u-dp-4xsff-2x10gbe-red-psu-p-2485.html>