

Supermicro SuperServer SYS-2027TR-H71RF 2U Twin^2 DP 4x6SFF LSI 2108 RED PSU

Kod producenta: SYS-2027TR-H71RF

	Chassis Form Factor	Rack 2U
	# of systems (nodes)	4
	CPU Socket	LGA 2011 (Socket R)
	# of CPU sockets (per node)	2
	Supported CPU's	Intel Xeon E5-2600v2 Intel Xeon E5-2600
	Max CPU TDP	135 W
	Chipset	Intel C602 Patsburg
	Memory Type	DDR3 ECC LRDIMM DDR3 ECC RDIMM
	Memory Speed	1866 MHz 1600 MHz 1333 MHz 1066 MHz 800 MHz
	# of DIMM's (per node)	8
	Max Memory Size (per node)	512 GB
	Integrated GPU	Matrox G200eW
	# of 2.5 hot-swap bays (per node)	6
	Backplanes	SAS2/SATA3
	# of PCIe x16 3.0 (per node)	1
	# of USB Ports (per node)	2 x USB 2.0 (rear) 1 x USB 2.0 Type A
	# of SATA Ports (per node)	7
	# of SAS Ports (per node)	8
	Storage Controllers	2 x AHCI iSATA 6Gb/s 5 x sSATA 3Gb/s LSI 2108 6Gb/s
	Integrated RAID	0,1,5,10
	Hardware RAID	0,1,5,6,10,50,60
	# of Serial Ports (per node)	1 x Fast UART 16550 (header)
	# of 1GbE Ports (per node)	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	Nuvoton WPCM450
	TPM	1 x TPM 1.2 20-pin Header
	Power Supply	Redundant
	PSU Wattage	1620W
	PSU Certification	80+ Platinum
	Chassis Dimensions	438 x 88 x 679mm
	Uwagi	In order to support the LSI RAID Controllers, both CPU sockets must be populated

Product SKUs		Chassis	
SYS-2027TR-H71RF • SuperServer 2027TR-H71RF (Black)		Form Factor • 2U Rackmount	
Motherboard		Model • CSE-217HQ-R1620B	
Super X9DRT-HF		Dimensions	
Processor/Cache		Width • 17.25" (438mm)	
CPU	• Dual Socket R (LGA 2011)	Height • 3.47" (88mm)	
	• Intel® Xeon® processor E5-2600 and E5-2600 v2 family† (up to 135W TDP *)	Depth • 26.75" (679mm)	
	* Please contact your Supermicro sales representative for additional details	Gross Weight • 85 lbs (38.6kg)	
Note	† BIOS version 3.0 or above is required	Available Colors • Black	
Cache	• Up to 30MB	Front Panel	
System Bus	• QPI up to 8 GT/s	Buttons • Power On/Off button	
System Memory		• System Reset button	
Memory Capacity	• 8x 240-pin DDR3 DIMM slots	• UID button	
	• Up to 512GB DDR3 ECC LRDIMM	• Power status LED	
Memory Type	• Up to 256GB DDR3 ECC Registered memory (RDIMM)	• HDD activity LED	
	• 1866/1600/1333/1066/800MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs	• 2x Network activity LEDs	
DIMM Sizes	• 32GB, 16GB, 8GB, 4GB, 2GB, 1GB	• Universal Information (UID) LED	
Memory Voltage	• 1.5 V, 1.35 V	Expansion Slots (per Node)	
Error Detection	• Corrects single-bit errors	PCI-Express • 1x PCI-E 3.0 (x16) Low-profile slot	
	• Detects double-bit errors (using ECC memory)	Drive Bays (per Node)	
On-Board Devices		Hot-swap • 6x Hot-swap 2.5" SATA3/SAS2 HDD trays	
Chipset	• Intel® C602 Chipset	System Cooling	
	• LSI 2108 SAS (6Gbps) w/ Hardware RAID support	Fans • 4x 8cm heavy duty PWM fans with optimal fan speed control	
SAS	• RAID 0, 1, 5, 6, 10, 50, 60 support	Power Supply	
SATA	• Note: In order to support the Broadcom RAID Controllers, both CPU socket must be populated	1620W high-efficiency redundant power supply w/ PMBus	
	• SATA 2.0 & 3.0 with RAID 0, 1, 5, 10	AC Input	
IPMI	• Support for Intelligent Platform Management Interface v.2.0	• 1000W Output @ 100-120V, 12-10A, 50-60Hz	
	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	• 1200W Output @ 120-140V, 12-10A, 50-60Hz	
Network Controllers	• Nuvoton WPCM450 BMC	• 1620W Output @ 180-240V, 10.5-8A, 50-60Hz	
	• Intel® i350 Dual Port Gigabit Ethernet	DC Output	
Graphics	• Virtual Machine Device Queues reduce I/O overhead	• 1000W: +12V/84A; +5Vsb/4A	
	• Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output	• 1200W: +12V/100A; +5Vsb/4A	
Input / Output (per Node)	• 1x Realtek RTL8201N PHY (dedicated IPMI)	Certification	
	• Matrox G200eW	 Platinum Certified [Test Report]	
Serial ATA	• 2x SATA 3.0 ports (6Gbps)	System BIOS	
SAS	• 5x SATA 2.0 ports (3Gbps)	BIOS Type	
LAN	• 8x SAS2 ports (6Gbps)	• 128Mb SPI Flash EEPROM with AMI BIOS	
USB	• 2x RJ45 Gigabit Ethernet LAN ports	• Plug and Play (PnP)	
VGA	• 1x RJ45 Dedicated IPMI LAN port	• APM 1.2	
Serial Port / Header	• 3x USB 2.0 ports total (2x rear + 1x Type A)	• PCI 2.2	
	• 1x VGA port	• ACPI 1.0 / 2.0	
	• 1x Fast UART 16550 port / 1 Header	• USB Keyboard support	
		• SMBIOS 2.3	
		• UEFI	
		Operating Environment / Compliance	
		RoHS	
		• RoHS Compliant	
		Environmental Spec.	
		• 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)	

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-2027tr-h71rf-2u-twin2-dp-4x6sff-lsi-2108-red-p-su-p-207.html>