

Supermicro SuperServer SYS-2028TP-DC1R 2U Twin DP 2x12SFF LSI 3108 RED PSU

Kod producenta: SYS-2028TP-DC1R

	Chassis Form Factor	Rack 2U
	# of systems (nodes)	2
	CPU Socket	LGA 2011 (Socket R3)
	# of CPU sockets (per node)	2
	Supported CPU's	Intel Xeon E5-2600v4 Intel Xeon E5-2600v3
	Max CPU TDP	145 W
	Chipset	Intel C612
	Memory Type	DDR4 ECC LRDIMM DDR4 ECC RDIMM
	Memory Speed	2400 MHz 2133 MHz 1866 MHz 1600 MHz
	# of DIMM's (per node)	16
	Max Memory Size (per node)	2048 GB
	Integrated GPU	Aspeed AST2400
	# of 2.5 hot-swap bays (per node)	12
	Backplanes	SAS3/SATA3
	# of PCIe x16 3.0 (per node)	2
	# of PCIe x8 3.0 (per node)	1
	# of USB Ports (per node)	2 x USB 3.0 (rear)
	# of SATA Ports (per node)	10
	# of SAS Ports (per node)	8
	Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s LSI 3108 12Gb/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 Dedicated RJ45
	BMC chip	Aspeed AST2400
	TPM	1 x TPM 1.2 20-pin Header
	Power Supply	Redundant 1+1
	PSU Wattage	1280 W
	PSU Certification	80+ Platinum
	Chassis Dimensions	438 x 88 x 730 mm
	Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x16 1x PCI-E 3.0 x8 slot 1x PCI-E 3.0 x16 for GPU/Xeon Phi support (w/ GPU kit)

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs		Chassis	
SYS-2028TP-DC1R • SuperServer 2028TP-DC1R (Black)		Form Factor	• 2U Rackmount
Motherboard		Model	• CSE-217HD+-R1K28B
Super X10DRT-P		Dimensions and Weight	
Processor/Cache (per Node)		Width	• 17.25" (438mm)
CPU	• Intel® Xeon® processor E5-2600 v4 [†] / v3 family (up to 145W TDP) *	Height	• 3.47" (88mm)
Cores / Cache	• Up to 22 Cores [†] / Up to 55MB [†] Cache	Depth	• 28.75" (730mm)
System Bus	• QPI up to 9.6 GT/s	Weight	• Gross Weight: 85 lbs (38.6kg)
Note	[†] BIOS version 2.0 or above is required	Available Colors	• Black
Note	* Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.		
System Memory (per Node)		Front Panel	
Memory Capacity	• 16x 288-pin DDR4 DIMM slots	Buttons	• Power On/Off button
Memory Type	• Up to 2TB [†] ECC 3DS LRDIMM, 512GB ECC RDIMM	LEDs	• UID button
DIMM Sizes	• 2400 [†] /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit		• Power status LED
Memory Voltage	• RDIMM: 32GB, 16GB, 8GB, 4GB		• HDD activity LED
Error Detection	• LRDIMM: 64GB, 32GB	Expansion Slots (per Node)	
	• 3DS LRDIMM: 128GB	PCI-Express	• 1x PCI-E 3.0 x16 Low-profile slot
	• 1.2 V		• 1x PCI-E 3.0 x8 slot
	• Corrects single-bit errors		• 1x PCI-E 3.0 x16 for GPU/Xeon Phi support (w/ GPU kit)
On-Board Devices		(Both CPUs need to be installed for full access to PCI-E slots)	
Chipset	• Intel® C612 chipset	Drive Bays (per Node)	
SAS	• LSI 3108 SAS3 (12Gbps) controller; RAID 0, 1, 5, 6, 10, 50, 60 support	Hot-swap	• 12x 2.5" Hot-swap SAS (8) / SATA (4) HDD Bays
IPMI	• Optional SuperCap	System Cooling	
	• Support for Intelligent Platform Management Interface v.2.0	Fans	• 4x 8cm heavy duty PWM fans with optimal fan speed control
	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	Power Supply	
	• ASPEED AST2400 BMC	1280W Redundant High-efficiency Digital Power Supplies w/ PMBus 1.2	
	• Intel® i350-AM2 Dual Port Gigabit Ethernet	AC Input	• 1000W Output @ 100-140V, 8-12A, 50-60Hz
	• Virtual Machine Device Queues reduce I/O overhead	DC Output	• 1280W Output @ 180-240V, 6-8A, 50-60Hz
	• Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output	Certification	• 1000W: +12V/83A; +5Vsb/4A
	• 1x Realtek RTL8201N PHY (dedicated IPMI)		• 1280W: +12V/106.7A, +5Vsb/4A
	• ASPEED AST2400 BMC		
		Platinum Certified [Test Report]	
Input / Output (per Node)		System BIOS	
SAS	• 8x SAS3 (12Gbps) ports	BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS
LAN	• 2x RJ45 Gigabit Ethernet LAN ports	BIOS Features	• Plug and Play (PnP)
USB	• 1x RJ45 Dedicated IPMI LAN port		• APM 1.2
VGA	• 2x USB 3.0 ports total (2x rear)		• PCI 2.2
Serial Port / Header	• 1x VGA port	Operating Environment / Compliance	
Others	• 1x Fast UART 16550 port / 1 Header (internal)	RoHS	• RoHS Compliant
	• 1x mSATA (full size) and CacheVault support on the daughter card	Environmental Spec.	• Operating Temperature: 10°C to 35°C (50°F to 95°F)
	• 1x SATADOM support on the motherboard		• 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.

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-2028tp-dc1r-2u-twin-dp-2x12sff-lsi-3108-red-ps-u-p-1082.html>