

Supermicro SuperServer SYS-2028TP-DECFR 2U Twin DP 2x12SFF LSI 3008 RED PSU

Kod producenta: SYS-2028TP-DECFR



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 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 (per node)	16
Max Memory Size (per node)	2048 GB
Integrated GPU	Aspeed AST2400
# of 2.5 hot-swap bays (per node)	12
# of PCIe x16 3.0 (per node)	1
# 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)	12
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s LSI 3008 12Gb/s
Integrated RAID	0,1,10
# of Serial Ports (per node)	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
# of 1GbE Ports (per node)	2 x RJ45
Network Controllers	Intel i350 Dual Port Gigabit Ethernet
# of QSFP Infiniband (per node)	1
Infiniband	1 x FDR 56Gbps
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	1280W
PSU Certification	80+ Platinum
Chassis Dimensions	438 x 88 x 730mm
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x16 LP slot 1x PCI-E 3.0 x8 slot 1x "0 Slot" card

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKU		Chassis	
SYS-2028TP-DECFR • SuperServer 2028TP-DECFR (Black)		Form Factor	• 2U Rackmount
Motherboard		Model	• CSE-217HD+-R1K28B
Super X10DRT-PIBF		Dimensions and Weight	
Processor/Cache (per Node)		Width	• 17.25" (438mm)
CPU	• Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP) * • Dual Socket R3 (LGA 2011)	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) • Net Weight: 66 lbs (29.9 kg)
Note	[†] BIOS version 2.0 or above is required * Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.	Available Colors	• Black
Note		Front Panel	
System Memory (per Node)		Buttons	• Power On/Off button • UID button
Memory Capacity	• 16x 288-pin DDR4 DIMM slots • Up to 2TB* ECC 3DS LRDIMM, 512 ECC RDIMM	LEDs	• Power status LED • HDD activity LED • 2x Network activity LEDs • Universal Information (UID) LED
Memory Type	• 2400 /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	Expansion Slots (per Node)	
DIMM Sizes	• RDIMM: 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB		
Memory Voltage	• 1.2 V		• 1x PCI-E 3.0 x16 Low-profile slot • 1x PCI-E 3.0 x8 slot • 1x "0 Slot" card
Error Detection	• Corrects single-bit errors	PCI-Express	
On-Board Devices			(Both CPUs need to be installed for full access to PCI-E slots)
Chipset	• Intel® C612 chipset	Drive Bays (per Node)	
Infiniband	• Mellanox ConnectX-3 FDR Infiniband 56Gbps Controller		
SAS	• LSI 3008 SAS3 (12Gbps) via SAS3 Expander	Hot-swap	• 12x 2.5" Hot-swap HDD Bays
IPMI	• 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	System Cooling	
Network Controllers	• Intel® i350-AM2 Dual Port Gigabit Ethernet • Virtual Machine Device Queues reduce I/O overhead • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8201N PHY (dedicated IPMI)	Fans	• 4x 8cm heavy duty PWM fans with optimal fan speed control
Graphics	• ASPEED AST2400 BMC	Power Supply	
Input / Output (per Node)			
SAS	• 12x SAS3 (12Gbps) ports		
LAN	• 2x RJ45 Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port	1280W Redundant High-efficiency Digital Power Supplies w/ PMBus 1.2	• 100-140V, 8-12A, 50-60Hz • 1280W Output @ 180-240V, 6-8A, 50-60Hz
Infiniband	• 1x external QSFP Infiniband connector	AC Input	• 1000W: +12V/83A; +5Vsb/4A • 1280W: +12V/106.7A, +5Vsb/4A
USB	• 2x USB 3.0 ports total (2x rear)	DC Output	
VGA	• 1x VGA port	Certification	Platinum Certified [Test Report]
Serial Port / Header	• 1x Fast UART 16550 port / 1 Header (internal)	System BIOS	
Others	• 1x mSATA (full size) and one SATADOM support on the daughter card • 1x SATADOM support on the motherboard	BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS • Plug and Play (PnP) • APM 1.2 • PCI 2.2
		BIOS Features	• ACPI 1.0 / 2.0 • USB Keyboard support • SMBIOS 2.3 • UEFI
		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-2028tp-decfr-2u-twin-dp-2x12sff-lsi-3008-red-p-su-p-1945.html>