

Supermicro SuperServer SYS-1028TP-DC1TR 1U Twin DP 2x4SFF LSI 3108 RED PSU

Kod producenta: SYS-1028TP-DC1TR



Chassis Form Factor	Rack 1U
# 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)	4
# of PCIe x16 3.0 (per node)	1
# of USB Ports (per node)	2 x USB 3.0 (rear)
# of SATA Ports (per node)	4
# of SAS Ports (per node)	4
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
# of Serial Ports (per node)	1 x Fast UART 16550 (header)
# of 1GbE Ports (per node)	2 x RJ45
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	1000 W
PSU Certification	80+ Titanium
Chassis Dimensions	485 x 43 x 750 mm

Product SKUs

SYS-1028TP-DC1TR • SuperServer 1028TP-DC1TR (Black)

Motherboard

Super X10DRT-PT

Processor/Cache

- CPU
 - Intel® Xeon® processor E5-2600 v4[†]/ v3 family (up to 145W TDP) *
 - Dual Socket R3 (LGA 2011)
- Cores / Cache
 - Up to **22 Cores**[†] / Up to **55MB**[†] Cache
- System Bus
 - QPI up to 9.6 GT/s
- 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.
- Note

System Memory

- Memory Capacity
 - 16x 288-pin DDR4 DIMM slots
 - Up to 2TB[†] ECC 3DS LRDIMM, 512GB ECC RDIMM
- Memory Type
 - 2400**[†]/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit
 - RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB
- DIMM Sizes
 - LRDIMM: 64GB, 32GB
 - 3DS LRDIMM: 128GB
- Memory Voltage
 - 1.2 V
- Error Detection
 - Corrects single-bit errors

On-Board Devices

- Chipset
 - Intel® C612 chipset
 - LSI 3108 SAS3 (12Gbps) controller;
 - RAID 0, 1, 10, 5, 6 support
 - Support for Intelligent Platform Management Interface v.2.0
- SAS
 - IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
 - ASPEED AST2400 BMC
- IPMI
 - Intel® X540 Dual port 10GBase-T
 - Virtual Machine Device Queues reduce I/O overhead
 - Supports 10GBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
 - 1x Realtek RTL8201N PHY (dedicated IPMI)
- Network Controllers
 - ASPEED AST2400 BMC
- Graphics

Input / Output (per Node)

- SAS
 - 4x SAS3 (12Gbps) ports
- LAN
 - 2x RJ45 10GBase-T ports
 - 1x RJ45 Dedicated IPMI LAN port
- USB
 - 2x USB 3.0 ports (rear)
- VGA
 - 1x VGA port
- Serial Port / Header
 - 1x Fast UART 16550 port / 1 Header (internal)
- Others
 - 1x [SATADOM](#) support on the motherboard

Chassis

- Form Factor
 - 1U Rackmount
- Model
 - CSE-809H-R1K05**

Dimensions and Weight

- Width
 - 19.1" (485mm)
- Height
 - 1.7" (43mm)
- Depth
 - 29.5" (750mm)
- Weight
 - Gross Weight: 48.1 lbs (21.9 kg)
 - Net Weight: 33.5 lbs (15.2 kg)
- Package (HxWxD)
 - 8" (203mm) x 29.6" (752mm) x 38.4" (975mm)
- Available Colors
 - Black

Front Panel

- Buttons
 - Power On/Off button
 - UID button/LED
- LEDs
 - Power status LED
 - Network activity LED
 - Universal Information (UID) LED

Expansion Slots (per Node)

- PCI-Express
 - 1x PCI-E 3.0 x16 Low-profile slot

Drive Bays (per Node)

- Hot-swap
 - 4x 2.5" Hot-swap SAS3 drive bays

System Cooling (per Node)

- Fans
 - 3x heavy duty counter rotating fans with air shroud and optimal fan speed control

Power Supply

- 1000W Redundant Titanium Level (96%) AC to DC Power Supplies w/ PFC
- AC Voltage
 - 100-240V, 60-50Hz, 9-5Amp
- +12V
 - 66.7A (100-127Vac)
 - 83A (200-240Vac)
- 5V SB
 - 4A

Certification



Titanium Level
(Cert. in progress)

System BIOS

- 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
- 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)

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-1028tp-dc1tr-1u-twin-dp-2x4sff-lsi-3108-red-psu-p-2042.html>