

Supermicro SuperServer SYS-2029TP-HC0R 2U Twin^2 DP 4x6SFF LSI 3008 RED PSU

Kod producenta: SYS-2029TP-HC0R



Chassis Form Factor	Rack 2U
# of systems (nodes)	4
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets (per node)	2
Supported CPU's	Intel Xeon Scalable 1st Gen Intel Xeon Scalable 2nd Gen
Max CPU TDP	165 W
Chipset	Intel C621
Memory Type	DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2933 MHz 2666 MHz 2400 MHz 2133 MHz
# of DIMM's (per node)	16
Max Memory Size (per node)	2048 GB
Integrated GPU	Aspeed AST2500
# of 2.5 hot-swap bays (per node)	6
# of PCIe x16 3.0 (per node)	2
# of USB Ports (per node)	2 x USB 3.0 (rear)
# of SAS Ports (per node)	6
Storage Controllers	LSI 3008 12Gb/s
Integrated RAID	0,1,10
# of Serial Ports (per node)	1 x Fast UART 16550 (header)
Network Controllers	SIOM Networking AOC Matrix
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
Power Supply	Redundant 1+1
PSU Wattage	2200 W
PSU Certification	80+ Titanium
Chassis Dimensions	438 x 88 x 724 mm
Uwagi	PCI-Express Slots Configuration: 2x PCI-E 3.0 x16 Low-profile slots 1x SIOM card support Note: Must bundle with Network Card

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

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.

Product SKUs

SYS-2029TP-HC0R • SuperServer 2029TP-HC0R (**Black**)

Motherboard

Super X11DPT-PS

Processor/Cache (per Node)

- CPU
 - Dual Socket P (LGA 3647)
 - Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/s
 - Support CPU TDP 70-165W with IVR
- Cores
 - Up to 28 Cores with Intel® HT Technology

System Memory (per Node)

- 16 DIMM slots
- Memory Capacity
 - Up to 2TB ECC 3DS LRDIMM, 2TB ECC RDIMM, DDR4 up to 2666MHz
- Memory Type
 - 2666/2400/2133MHz ECC DDR4 SDRAM

On-Board Devices

- Chipset
 - Intel® C621 chipset
- SAS
 - Broadcom 3008 SAS3 (12Gbps) controller;
 - RAID 0, 1, 10 support
- Network Controllers
 - Must bundle with at least one **SIOM or network card per node**
 - Support for Intelligent Platform Management Interface v.2.0
- IPMI
 - IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
- Graphics
 - ASPEED AST2500 BMC

Input / Output (per Node)

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

System BIOS

- BIOS Type
 - AMI 32MB SPI Flash ROM

Management

- Software
 - Intel® Node Manager
 - [IPMI 2.0](#)
 - KVM with dedicated LAN
 - NMI
 - [SSM, SPM, SUM](#)
 - [SuperDoctor@ 5](#)
 - Watchdog
- Power Configurations
 - ACPI Power Management

PC Health Monitoring

- CPU
 - Monitors for CPU Cores, Chipset Voltages, Memory.
 - 5+1 Phase-switching voltage regulator
- FAN
 - Fans with tachometer monitoring
 - Status monitor for speed control
 - Pulse Width Modulated (PWM) fan connectors
- Temperature
 - Monitoring for CPU and chassis environment
 - Thermal Control for fan connectors
- Omni-Path Fabric CPUs
 - Do not support

Chassis

- Form Factor
 - 2U Rackmount
- Model
 - **CSE-217HQ+-R2K20BP3**

Dimensions and Weight

- Width
 - 17.25" (438mm)
- Height
 - 3.47" (88mm)
- Depth
 - 28.5" (724mm)
- Weight
 - Gross Weight: 90 lbs (40.9kg)
 - Net Weight: 72 lbs (32.7 kg)
- Available Colors
 - Black

Front Panel

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

Expansion Slots (per Node)

- 2 PCI-E 3.0 x16 Low-profile slots
- 1 SIOM card support

Note: Must bundle with Network Card

(With only one CPU installed, SXB2 M.2 and SXB4 riser card slots not function)

Drive Bays (per Node)

- Hot-swap
 - 6 Hot-swap 2.5" SAS/SATA HDD trays

System Cooling

- Fans
 - 4 Heavy duty 8cm PWM fans with optimal fan speed control

Power Supply

2200W Redundant Power Supplies with PMBus

- 1200W with Input 100-127Vac
- 1800W with Input 200-220Vac
- 1980W with Input 220-230Vac
- 2090W with Input 230-240Vac
- 2200W with Input 220-240Vac (for UL/cUL use only)
- 2090W with Input 230-240Vdc (for CCC only)

Total Output Power and Input

- AC Input
 - 50-60Hz
- Dimension (W x H x L)
 - 76 x 40 x 336 mm
 - Max: 100A / Min: 0A (100-127Vac)
 - Max: 150A / Min: 0A (200-220Vac)
 - Max: 165A / Min: 0A (220-230Vac)
 - Max: 174.17A / Min: 0A (230-240Vac)
 - Max: 183.3A / Min: 0A (220-240Vac)
- +12V
 - Max: 1A / Min: 0A

- 5VSB
 - Max: 1A / Min: 0A
- Output Type
 - Backplanes (gold finger)



Certification UL/cUL/CB/BSMI/CE/CCC
Titanium Level
[Cert. in progress]

Operating Environment

- RoHS
 - RoHS Compliant
- Environmental Spec.
 - Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)
 - Non-operating Temperature: -40°C to 60°C (-40°F to 140°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-2029tp-hc0r-2u-twin2-dp-4x6sff-lsi-3008-red-psu-p-3414.html>