Supermicro SuperServer SYS-6028TP-HC1R 2U Twin^2 DP 4x3LFF LSI 3108 RED PSU

Kod producenta: SYS-6028TP-HC1R

Chassis Form Factor	Rack 2U
# of systems (nodes)	4
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 3.5 hot-swap bays (per node)	3
Backplanes	SAS3/SATA3
# of PCIe x16 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)	3
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	0,1,5,10
# 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	2000 W
PSU Certification	80+ Titanium
Chassis Dimensions	438 x 88 x 774 mm

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

SYS-6028TP-HC1R • SuperServer 6028TP-HC1R (**Black**)

Motherboard

[Super X10DRT-P](#)

Processor/Cache (per Node)

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
Note	* Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.

System Memory (per Node)

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
DIMM Sizes	• RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB
Memory Voltage	• 1.2 V
Error Detection	• Corrects single-bit errors

On-Board Devices

Chipset	• Intel® C612 chipset
SAS	• LSI 3108 SAS3 (12Gbps) controller; RAID 0, 1, 5, 10 support • Optional SuperCap
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
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)
Graphics	• ASPEED AST2400 BMC

Input / Output (per Node)

SAS	• 3x SAS3 (12Gbps) ports
LAN	• 2x RJ45 Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port
USB	• 2x USB 3.0 ports total (2x 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	• 2U Rackmount
Model	• **CSE-827HQ+-R2K04B**

Dimensions and Weight

Width	• 17.25" (438mm)
Height	• 3.47" (88mm)
Depth	• 30.5" (774mm)
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
LEDs	• Power status LED • HDD activity LED • 2x Network activity LEDs • 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	• 3x 3.5" Hot-swap SAS/SATA HDD trays

System Cooling

Fans	• 4x 8cm heavy duty PWM fans with optimal fan speed control

Power Supply (76mm Width)

2000W Redundant Power Supplies with PMBus

Total Output Power	• 1000W/2000W
Dimension (W x H x L)	• 76 x 40.4 x 336 mm
Input	• 100-127 Vac / 12-9.5 A / 50-60 Hz • 200-220 Vac / 10-9.5 A / 50-60 Hz • 220-230 Vac / 10-9.8 A / 50-60 Hz • 230-240 Vac / 10-9.8 A / 50-60 Hz • 200-240 Vac / 11.8-10 A / 50-60 Hz (UL/cUL only)
+12V	• Max: 83.3A & Min: 0A (100-127 Vac) • Max: 150A & Min: 0A (200-220 Vac) • Max: 165A & Min: 0A (220-230 Vac) • Max: 166.7A & Min: 0A (230-240 Vac) • Max: 166.7A & Min: 0A (200-240 Vac)(UL/cUL only)
+5Vsb	• Max: 1A / Min: 0A
Output Type	• 27 Pairs Gold Finger Connector
Certification	UL/cUL/CB/BSMI/CE/CCC **Titanium Level** [Test Report]

System BIOS

BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS
BIOS Features	• Plug and Play (PnP) • APM 1.2 • PCI 2.2 • 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-6028tp-hc1r-2u-twin2-dp-4x3lff-lsi-3108-red-psu-p-1099.html