

Supermicro SuperServer SYS-2029BT-HTR 2U BigTwin[^]2 DP 4x6SFF RED PSU

Kod producenta: SYS-2029BT-HTR



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
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)	24
# of 2.5 hot-swap bays (per node)	6
# of PCIe x16 3.0 (per node)	2
I/O expansion modules (per node)	1 x SIOM
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
Warranty	3 years

Product SKUs

SYS-2029BT-HTR • SuperServer 2029BT-HTR (Black)

Motherboard

Super X11DPT-B

Processor/Cache (per Node)

CPU	<ul style="list-style-type: none">Dual Socket P (LGA 3647)Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/sSupport CPU TDP 70-205W* with IVR
Cores	<ul style="list-style-type: none">Up to 28 Cores with Intel® HT Technology
Note	<p>* 200W/205W CPUs are supported under certain configurations. Please contact Supermicro Technical Support for additional information about specialized system optimization</p>

System Memory (per Node)

Memory Capacity	<ul style="list-style-type: none">24 DIMM slotsUp to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to 2666MHz
Memory Type	<ul style="list-style-type: none">2666/2400/2133MHz ECC DDR4 SDRAM

On-Board Devices

Chipset	<ul style="list-style-type: none">Intel® C621 chipset
Storage	<ul style="list-style-type: none">SATA3 (6Gbps) via Intel C620 controller; RAID 0, 1, 5, 10 per node
Network	<ul style="list-style-type: none">Must bundle with at least one SIOM network card
IPMI	<ul style="list-style-type: none">Support for Intelligent Platform Management Interface v.2.0IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Video	<ul style="list-style-type: none">ASPEED AST2500 BMC

Input / Output (per Node)

LAN	<ul style="list-style-type: none">1 RJ45 Dedicated IPMI LAN port
USB	<ul style="list-style-type: none">2 USB 3.0 ports (rear)
Video	<ul style="list-style-type: none">1 VGA port
DOM	<ul style="list-style-type: none">1 SuperDOM (Disk on Module) port

System BIOS

BIOS Type	<ul style="list-style-type: none">AMI 32Mb SPI Flash ROM
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Management

Software	<ul style="list-style-type: none">Intel® Node ManagerIPMI 2.0KVM with dedicated LANSSM, SPM, SUMSuperDoctor® 5Watch Dog
Power Configurations	<ul style="list-style-type: none">ACPI / APM Power Management

PC Health Monitoring

CPU	<ul style="list-style-type: none">Monitors for CPU Cores, Chipset Voltages, Memory.4+1 Phase-switching voltage regulator
FAN	<ul style="list-style-type: none">Fans with tachometer monitoringStatus monitor for speed controlPulse Width Modulated (PWM) fan connectors
Temperature	<ul style="list-style-type: none">Monitoring for CPU and chassis environmentThermal Control for 8x fan connectors

Chassis

Form Factor	<ul style="list-style-type: none">2U Rackmount
Model	<ul style="list-style-type: none">CSE-217BHQ+-R2K22BP2

Dimensions and Weight

Width	<ul style="list-style-type: none">17.25" (438mm)
Height	<ul style="list-style-type: none">3.47" (88mm)
Depth	<ul style="list-style-type: none">28.5" (724mm)
Package	<ul style="list-style-type: none">26.4" (H) x 11.2" (W) x 39.8" (D)
Weight	<ul style="list-style-type: none">Gross Weight: 85 lbs (38.6kg)Net Weight: 54.5 lbs (24.7 kg)
Available Colors	<ul style="list-style-type: none">Black

Front Panel

Buttons	<ul style="list-style-type: none">Power On/Off buttonUID buttonPower status LEDHDD activity LEDNetwork activity LEDsUniversal Information (UID) LED
LEDs	<ul style="list-style-type: none">Universal Information (UID) LED

Expansion Slots (per Node)

PCI-Express	<ul style="list-style-type: none">2 PCI-E 3.0 (x16) Low-profile slots1 SIOM card support (must bundle with network card)
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Drive Bays (per Node)

Hot-swap	<ul style="list-style-type: none">6 Hot-swap 2.5" SATA3 drive bays
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System Cooling

Fans	<ul style="list-style-type: none">4 Heavy duty 8cm PWM fans with air shroud
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Power Supply

2200W Redundant Power Supplies with PMBus	
Total Output Power	<ul style="list-style-type: none">1200W/1800W/1980W/2090/2200W
Dimension (W x H x L)	<ul style="list-style-type: none">45 x 40 x 480 mm

Input	<ul style="list-style-type: none">1200W: 100-127Vac / 50-60Hz1800W: 200-220Vac / 50-60Hz1980W: 220-230Vac / 50-60Hz2090W: 230-240Vac / 50-60Hz2090W: 180-220Vac (for UL/cUL only)2200W: 220-240Vac (for UL/cUL only)2090W: 230-240Vdc (for CCC only)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)
+12V	<ul style="list-style-type: none">Max: 174.17A / Min: 0A (180-220Vac, UL/cUL only)Max: 183.33A / Min: 0A (220-240Vac, UL/cUL only)Max: 174.17A / Min: 0A (230-240Vdc, CCC only)
12Vsb	<ul style="list-style-type: none">Max: 2.1A / Min: 0A
Output Type	<ul style="list-style-type: none">Gold Finger

Certification	<ul style="list-style-type: none">UL/cUL/CB/BSMI/CE/CCCTitanium Level[Cert. in progress]
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Operating Environment

RoHS	<ul style="list-style-type: none">RoHS CompliantOperating Temperature: 10°C ~ 35°C (50°F ~ 95°F)Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
Environmental Spec.	<ul style="list-style-type: none">Operating Relative Humidity: 8% to 90% (non-condensing)Non-operating Relative Humidity: 5% to 95% (non-condensing)

UWAGA !!!

Ze względu na wysoki stopień integracji platforma dostępna jest tylko i wyłącznie jako gotowy system wraz z CPU, RAM i HDD oraz dodatkowymi kartami rozszerzeń. Prosimy o kontakt z nami w celu przedstawienia oferty na interesującą Państwa konfigurację.

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-2029bt-htr-2u-bigtwin2-dp-4x6sff-red-psu-p-32>

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Strona: 2 / 3

