Supermicro SuperServer SYS-2029BZ-HNR 2U BigTwin^2 DP 4x6SFF RED PSU

Kod producenta: SYS-2029BZ-HNR

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	205 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)	24
Max Memory Size (per node)	3072 GB
Integrated GPU	Aspeed AST2500
# of 2.5 NVMe bays (per node)	6
# of PCIe x16 3.0 (per node)	2
# of USB Ports (per node)	2 x USB 3.0 (rear)
Network Controllers	SIOM Networking AOC Matrix
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
Power Supply	Redundant 1+1
PSU Wattage	2600 W
PSU Certification	80+ Titanium
Chassis Dimensions	447 x 88 x 730 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 Drive Bays/Storage (per Node): 6x Hot-swap 2.5" NVMe 2x M.2 NVMe or SATA (2240/2260/2280) via optional AOC-SMG3-2

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.

Product SKUs

SYS-2029BZ-HNR • SuperServer 2029BZ-HNR (**Black**)

Motherboard

Super X11DPT-BH

Processor/Cache

CPU	• Dual Socket P (LGA 3647) • Intel® Xeon® Scalable Processors, 3 UPI up to 10.4GT/s • Support CPU TDP 70-205W*
Cores	• Up to 28 Cores with Intel® HT Technology
Note	*** 200W/205W CPUs are supported under certain configurations. Please contact Supermicro Technical Support for additional information about specialized system optimization**

System Memory

Memory Capacity	• 24 DIMM slots • Up to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to 2666MHz
Memory Type	• 2666/2400/2133MHz ECC DDR4 SDRAM

On-Board Devices

Chipset	• Intel® C621 chipset
Network	• Must bundle with at least one SIOM network card
IPMI	• Support for Intelligent Platform Management Interface v.2.0 • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Video	• ASPEED AST2500 BMC

Input / Output (per Node)

LAN	• 1 RJ45 Dedicated IPMI LAN port
USB	• 2 USB 3.0 ports (rear)
Video	• 1 VGA port
DOM	• 1 SuperDOM (Disk on Module) port

System BIOS

BIOS Type	• AMI 32Mb SPI Flash ROM

Management

Software	• Intel® Node Manager • IPMI 2.0 • KVM with dedicated LAN • SSM, SPM, SUM • SuperDoctor® 5 • Watch Dog
Power Configurations	• ACPI / APM Power Management

PC Health Monitoring

CPU	• Monitors for CPU Cores, Chipset Voltages, Memory. • 4+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

Chassis

Form Factor	• 2U Rackmount
Model	• **CSE-217BHQ+-R2K60FP**

Dimensions and Weight

Width	• 17.6" (447mm)
Height	• 3.47" (88mm)
Depth	• 28.75" (730mm)
Package	• 24.65" (H) x 9.76" (W) x 45.28" (D)
Weight	• Gross Weight: 85 lbs (38.6kg) • Net Weight: 54.5 lbs (24.7 kg)
Available Colors	• Black

Front Panel

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

Expansion Slots (per Node)

PCI-Express	• 2 PCI-E 3.0 (x16) Low-profile slots • 1 SIOM card support (must bundle with network card)

Drive Bays / Storage (per Node)

Hot-swap	• 6 Hot-swap 2.5" NVMe drive bays
M.2	• 2 M.2 NVMe or SATA (2240/2260/2280) via optional AOC-SMG3-2H8M2-B

System Cooling

Fans	• 16 Heavy duty 40x56mm PWM fans with air shroud (4 fans per node)

Power Supply

2600W Redundant Power Supplies with PMBus

Total Output Power	• 2600W
Dimension (W x H x L)	• 45 x 40 x 480 mm
Input	• 208-240Vac/15-12.5A • 220-240Vdc/13.5-12.5A (For CQC only)
+12V	• Max: 216.6A / Min: 0A
12Vsb	• Max: 4.5A / Min: 0A
Output Type	• Connector
Certification	UL/cUL/CB/BSMI/CE/CQC **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-2029bz-hnr-2u-bigtwin2-dp-4x6sff-red-psu-p-3
601.html