

Supermicro SuperServer SYS-2029BT-HNC1R 2U BigTwin^2 DP 4x6SFF LSI 3108 RED PSU

Kod producenta: SYS-2029BT-HNC1R



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 hot-swap bays (per node)	6
# of PCIe x16 3.0 (per node)	1
# of USB Ports (per node)	2 x USB 3.0 (rear)
# of SAS Ports (per node)	6
Storage Controllers	LSI 3108 12Gb/s
Hardware RAID	0,1,5,6,10,50,60
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	447 x 88 x 730 mm
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x16 Low-profile slot 1x SIOM card support Note: Must bundle with Network Card HDD bays configuration: 6x SAS3 or 4x NVMe + 2x SAS3 Hot-swap 2.5" drive bays per node

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

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-2029BT-HNC1R • SuperServer 2029BT-HNC1R (Black)		Chassis Form Factor • 2U Rackmount Model • CSE-217BHQ+-R2K22BP2	
Motherboard Super X11DPT-B		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	
Processor/Cache (per Node) CPU • Dual Socket P (LGA 3647) • Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/s • Support CPU TDP 70-205W* with IVR 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		Front Panel Buttons • Power On/Off button • UID button • Power status LED • HDD activity LED LEDs • Network activity LEDs • Universal Information (UID) LED	
System Memory (per Node) 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		Expansion Slots (per Node) PCI-Express • 1 PCI-E 3.0 (x16) Low-profile slot • 1 SIOM card support (must bundle with network card)	
On-Board Devices Chipset • Intel® C621 chipset SAS • SAS3 (12Gbps) via Broadcom 3108; RAID 0, 1, 5, 6, 10, 50, 60 Network • Must bundle with at least one SIOM network card • Support for Intelligent Platform Management Interface v.2.0 IPMI • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support Video • ASPEED AST2500 BMC		Drive Bays (per Node) • 6 Hot-swap 2.5" SAS3 drive bays or 4 NVMe + 2 SAS3 Hot-swap 2.5" Hot-swap Please contact Supermicro Technical Support for additional information about HDD and SSD if mixed. Some restrictions and configuration rules that apply to SSD are different from HDD.	
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 Cooling Fans • 4 Heavy duty 8cm PWM fans with air shroud	
System BIOS BIOS Type • AMI 32Mb SPI Flash ROM		Power Supply 2200W Redundant Power Supplies with PMBus Total Output Power • 1200W/1800W/1980W/2090/2200W Dimension (W x H x L) • 45 x 40 x 480 mm Input • 1200W: 100-127Vac / 50-60Hz • 1800W: 200-220Vac / 50-60Hz • 1980W: 220-230Vac / 50-60Hz • 2090W: 230-240Vac / 50-60Hz • 2090W: 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) • 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 • Max: 2.1A / Min: 0A Output Type • Gold Finger  Certification UL/cUL/CB/BSMI/CE/CCC Titanium Level [Cert. in progress]	
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		Operating Environment RoHS • RoHS Compliant • Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) • Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) Environmental Spec. • 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-2029bt-hnc1r-2u-bigtwin2-dp-4x6sff-lsi-3108-red-psu-p-33398.html>