

Supermicro SuperServer SYS-2029BT-HNC0R 2U BigTwin^2 DP 4x6SFF LSI 3008 RED PSU


Kod producenta: SYS-2029BT-HNC0R



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)	2
# of USB Ports (per node)	2 x USB 3.0 (rear)
# of SAS Ports (per node)	8
Storage Controllers	LSI 3008 12Gb/s IT
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: 2x PCI-E 3.0 x16 (LP) slot 1x SIOM card support (must bundle with network card) Drive Bays (per Node): 6x Hot-swap 2.5" SAS3 or 4x NVMe+2x SAS3 Hot-swap 2.5" 2x M.2 NVMe or SATA (2240/2260/2280)

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	Chassis
SYS-2029BT-HNC0R • SuperServer 2029BT-HNC0R (Black)	Form Factor • 2U Rackmount
Motherboard	Model • CSE-217BHQ+-R2K22BP2
Super X11DPT-B	Dimensions and Weight
Processor/Cache (per Node)	Width • 17.25" (438mm)
CPU • Dual Socket P (LGA 3647)	Height • 3.47" (88mm)
• Intel® Xeon® Scalable Processors,	Depth • 28.5" (724mm)
Dual UPI up to 10.4GT/s	Package • 26.4" (H) x 11.2" (W) x 39.8" (D)
• Support CPU TDP 70-205W* with IVR	Weight • Gross Weight: 85 lbs (38.6kg)
Cores • Up to 28 Cores with Intel® HT Technology	• Net Weight: 54.5 lbs (24.7 kg)
Note • 200W/205W CPUs are supported under certain configurations. Please contact Supermicro Technical Support for additional information about specialized system optimization	Available Colors • Black
System Memory (per Node)	Front Panel
• 24 DIMM slots	Buttons • Power On/Off button
Memory Capacity • Up to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to 2666MHz	• UID button
Memory Type • 2666/2400/2133MHz ECC DDR4 SDRAM	• Power status LED
On-Board Devices	LEDs • HDD activity LED
Chipset • Intel® C621 chipset	• Network activity LEDs
SAS • SAS3 (12Gbps) via Broadcom 3008; IT mode	• Universal Information (UID) LED
Network • Must bundle with at least one SIOM network card	Expansion Slots (per Node)
IPMI • Support for Intelligent Platform Management Interface v.2.0	• 2 PCI-E 3.0 (x16) Low-profile slots
Video • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	PCI-Express • 1 SIOM card support (must bundle with network card)
• ASPEED AST2500 BMC	Drive Bays (per Node)
Input / Output (per Node)	• 6 Hot-swap 2.5" SAS3 drive bays or 4 NVMe + 2 SAS3 Hot-swap 2.5"
LAN • 1 RJ45 Dedicated IPMI LAN port	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.
USB • 2 USB 3.0 ports (rear)	System Cooling
Video • 1 VGA port	Fans • 4 Heavy duty 8cm PWM fans with air shroud
DOM • 1 Super DOM (Disk on Module) port	Power Supply
System BIOS	2200W Redundant Power Supplies with PMBus
BIOS Type • AMI 32Mb SPI Flash ROM	Total Output Power • 1200W/1800W/1980W/2090/2200W
Management	Dimension (W x H x L) • 45 x 40 x 480 mm
• Intel® Node Manager	Input • 1200W: 100-127Vac / 50-60Hz
• IPMI 2.0	• 1800W: 200-220Vac / 50-60Hz
• KVM with dedicated LAN	• 1980W: 220-230Vac / 50-60Hz
• SSM, SPM, SUM	• 2090W: 230-240Vac / 50-60Hz
• SuperDoctor® 5	• 2090W: 180-220Vac (for UL/cUL only)
• Watch Dog	• 2200W: 220-240Vac (for UL/cUL only)
Power Configurations • ACPI / APM Power Management	• 2090W: 230-240Vdc (for CCC only)
PC Health Monitoring	• Max: 100A / Min: 0A (100-127Vac)
CPU • Monitors for CPU Cores, Chipset Voltages, Memory.	• Max: 150A / Min: 0A (200-220Vac)
• 4+1 Phase-switching voltage regulator	• Max: 165A / Min: 0A (220-230Vac)
FAN • Fans with tachometer monitoring	• Max: 174.17A / Min: 0A (230-240Vac)
• Status monitor for speed control	• Max: 174.17A / Min: 0A (180-220Vac, UL/cUL only)
• Pulse Width Modulated (PWM) fan connectors	• Max: 183.33A / Min: 0A (220-240Vac, UL/cUL only)
Temperature • Monitoring for CPU and chassis environment	• Max: 174.17A / Min: 0A (230-240Vdc, CCC only)
• Thermal Control for 8x fan connectors	+12V • 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]
	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-hnc0r-2u-bigtwin2-dp-4x6sff-lsi-3008-red-psu-p-3253.html>