

Supermicro SuperServer SYS-2029BT-HNTR 2U BigTwin^2 DP 4x4NVMe 4x2SFF RED PSU

Kod producenta: SYS-2029BT-HNTR



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)	2
# of 2.5 NVMe bays (per node)	4
# of PCIe x16 3.0 (per node)	2
# of USB Ports (per node)	2 x USB 3.0 (rear)
# of SATA Ports (per node)	10
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s
# of Serial Ports (per node)	1 x Fast UART 16550 (header)
Network Controllers	SIOM Networking AOC Matrix
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant 1+1
PSU Wattage	2200 W
PSU Certification	80+ Titanium
Chassis Dimensions	447 x 88 x 730 mm
Uwagi	HDD bays configuration: 4x Hot-swap 2.5" NVMe/SATA3 2x Hot-swap 2.5" SATA3 1x M.2 NVMe or SATA (2280/22110) PCI-Express Slots Configuration: 2x PCI-E 3.0 (x16) LP slots 1x SIOM card support (Must bundle with network card)

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		Chassis	
SYS-2029BT-HNTR • SuperServer 2029BT-HNTR (Black)		Form Factor • 2U Rackmount	
Motherboard		Model • CSE-217BHQ+-R2K22BP2	
Super X11DPT-B		Dimensions and Weight	
Processor/Cache (per Node)		Width • 17.6" (447mm)	
CPU • Dual Socket P (LGA 3647)		Height • 3.47" (88mm)	
• Intel® Xeon® Scalable Processors,		Depth • 28.75" (730mm)	
Dual UPI up to 10.4GT/s		Package • 24.65" (H) x 9.76" (W) x 45.28" (D)	
• Support CPU TDP 70-205W*		Weight • Gross Weight: 85 lbs (38.6kg)	
Cores • Up to 28 Cores with Intel® HT Technology		• Net Weight: 54.5 lbs (24.7 kg)	
* 200W/205W CPUs are supported under certain configurations. Please		Available	
contact Supermicro Technical Support for additional information about		Colors • Black	
specialized system optimization		Front Panel	
System Memory (per Node)		Buttons • Power On/Off button	
• 24 DIMM slots		• UID button	
Memory Capacity • Up to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to		• Power status LED	
2666MHz		• HDD activity LED	
Memory Type • 2666/2400/2133MHz ECC DDR4 SDRAM		• Network activity LEDs	
On-Board Devices		• Universal Information (UID) LED	
Chipset • Intel® C621 chipset		Expansion Slots (per Node)	
Network • Must bundle with at least one		• 2 PCI-E 3.0 (x16) Low-profile slots	
SIOM network card		PCI-Express • 1 SIOM card support	
• Support for Intelligent Platform		(must bundle with network card)	
Management Interface v.2.0		Drive Bays / Storage (per Node)	
IPMI • IPMI 2.0 with virtual media over		Hot-swap • 4 Hot-swap 2.5" NVMe/SATA3 + 2	
LAN and KVM-over-LAN support		Hot-swap 2.5" SATA3 drive bays	
Video • ASPEED AST2500 BMC		M.2 • 1 M.2 NVMe or SATA (2280/22110)	
Input / Output (per Node)		System Cooling	
LAN • 1 RJ45 Dedicated IPMI LAN port		Fans • 4 Heavy duty 8cm PWM fans with	
USB • 2 USB 3.0 ports (rear)		air shroud	
Video • 1 VGA port		Power Supply	
DOM • 1 SuperDOM (Disk on Module) port		2200W Redundant Power Supplies with PMBus	
System BIOS		Total Output	
BIOS Type • AMI 32Mb SPI Flash ROM		Power • 1200W/1800W/1980W/2090/2200W	
Management		Dimension	
• Intel® Node Manager		(W x H x L) • 45 x 40 x 480 mm	
• IPMI 2.0		• 1200W: 100-127Vac / 50-60Hz	
Software • KVM with dedicated LAN		• 1800W: 200-220Vac / 50-60Hz	
• SSM, SPM, SUM		• 1980W: 220-230Vac / 50-60Hz	
• SuperDoctor® 5		• 2090W: 230-240Vac / 50-60Hz	
• Watch Dog		Input • 2090W: 180-220Vac (for UL/cUL	
Power Configurations • ACPI / APM Power Management		only)	
PC Health Monitoring		• 2200W: 220-240Vac (for UL/cUL	
CPU • Monitors for CPU Cores, Chipset Voltages, Memory.		only)	
• 4+1 Phase-switching voltage regulator		• 2090W: 230-240Vdc (for CCC only)	
FAN • Fans with tachometer monitoring		• Max: 100A / Min: 0A (100-127Vac)	
• Status monitor for speed control		• Max: 150A / Min: 0A (200-220Vac)	
• Pulse Width Modulated (PWM) fan connectors		• Max: 165A / Min: 0A (220-230Vac)	
Temperature • Monitoring for CPU and chassis environment		• Max: 174.17A / Min: 0A	
• Thermal Control for fan connectors		(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]	
		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-hntr-2u-bigtwin2-dp-4x4nvme-4x2sff-re-d-psu-p-3737.html>