

Supermicro SuperServer SYS-2029BT-HNR 2U BigTwin^2 DP 4x6NVMe RED PSU

Kod producenta: SYS-2029BT-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
# 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)
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s
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 Low-profile slots 1x SIOM card support Note: Must bundle with Network Card HDD bays configuration: 6x Hot-swap 2.5" NVMe drive bays 2x M.2 NVMe or SATA (2240/2260/2280) via optional AOC-S

Product SKUs		Chassis	
SYS-2029BT-HNR • SuperServer 2029BT-HNR (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	
Memory Capacity • 24 DIMM slots		Buttons • Power On/Off button	
Memory Type • 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	
Network • Must bundle with at least one S10M network card		• Universal Information (UID) LED	
IPMI • Support for Intelligent Platform Management Interface v.2.0		Expansion Slots (per Node)	
Video • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support		PCI-Express • 2 PCI-E 3.0 (x16) Low-profile slots	
• ASPEED AST2500 BMC		• 1 S10M card support (must bundle with network card)	
Input / Output (per Node)		Drive Bays (per Node)	
LAN • 1 RJ45 Dedicated IPMI LAN port		Hot-swap • 6 Hot-swap 2.5" NVMe drive bays	
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 SuperDOM (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	
Software • Intel® Node Manager		• 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		Input • 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		+12V • 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		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)	

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.

