

Supermicro SuperServer SYS-2029BT-DNC0R 2U BigTwin DP 2x4NVMe/8SFF LSI 3216 RED PSU

Kod producenta: SYS-2029BT-DNC0R



Chassis Form Factor	Rack 2U
# of systems (nodes)	2
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)	8
# of 2.5 NVMe bays (per node)	4
# of PCIe x16 3.0 (per node)	1
# of PCIe x8 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 3216 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 x8 slots 1x PCI-E 3.0 x16 slot 1x SIOM card support (must bundle with network card) Drive Bays (per Node): 4x Hot-swap 2.5" NVMe/SAS3 8x Hot-swap 2.5" SAS3 2x M.2 NVMe/SATA slots

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-DNC0R • SuperServer 2029BT-DNC0R (Black)	Form Factor • 2U Rackmount
Motherboard	Model • CSE-217BHD+-R2K22BP
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)
System Memory (per Node)	Available Colors • Black
Memory Capacity • 24 DIMM slots	Front Panel
Memory Type • 2666/2400/2133MHz ECC DDR4 SDRAM	Buttons • Power On/Off button
On-Board Devices	• UID button
Chipset • Intel® C621 chipset	• Power status LED
SAS • SAS3 (12Gbps) via Broadcom 3216; IT mode	• HDD activity LED
Network • Must bundle with at least one S10M network card	• Network activity LEDs
IPMI • Support for Intelligent Platform Management Interface v.2.0	• Universal Information (UID) LED
Video • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	Expansion Slots (per Node)
• ASPEED AST2500 BMC	• 2 PCI-E 3.0 x8 slots
Input / Output (per Node)	PCI-Express • 1 PCI-E 3.0 x16 slot
LAN • 1 RJ45 Dedicated IPMI LAN port	• 1 S10M card support (must bundle with network card)
USB • 2 USB 3.0 ports (rear)	Drive Bays / Storage (per Node)
Video • 1 VGA port	• 4 Hot-swap 2.5" NVMe/SAS3 + 8 Hot-swap 2.5" SAS3 drive bays
DOM • 1 SuperDOM (Disk on Module) port	Hot-swap
System BIOS	• 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.
BIOS Type • AMI 32Mb SPI Flash ROM	M.2 • 2 M.2 NVMe/SATA slots
Management	System Cooling
• Intel® Node Manager	Fans • 4 Heavy duty 8cm PWM fans with air shroud
• IPMI 2.0	Power Supply
• KVM with dedicated LAN	2200W Redundant Power Supplies with PMBus
• SSM, SPM, SUM	Total Output • 1200W/1800W/1980W/2090/2200W
• SuperDoctor® 5	Power • 1200W/1800W/1980W/2090/2200W
• Watch Dog	Dimension (W x H x L) • 45 x 40 x 480 mm
Power Configurations • ACPI / APM Power Management	• 1200W: 100-127Vac / 50-60Hz
PC Health Monitoring	• 1800W: 200-220Vac / 50-60Hz
CPU • Monitors for CPU Cores, Chipset Voltages, Memory.	• 1980W: 220-230Vac / 50-60Hz
• 4+1 Phase-switching voltage regulator	• 2090W: 230-240Vac / 50-60Hz
FAN • Fans with tachometer monitoring	• 2090W: 180-220Vac (for UL/cUL only)
• Status monitor for speed control	• 2200W: 220-240Vac (for UL/cUL only)
• Pulse Width Modulated (PWM) fan connectors	• 2090W: 230-240Vdc (for CCC only)
Temperature • Monitoring for CPU and chassis environment	• Max: 100A / Min: 0A (100-127Vac)
• Thermal Control for fan connectors	• 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)
	+12V • Max: 174.17A / Min: 0A (180-220Vac, UL/cUL 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-dnc0r-2u-bigtwin-dp-2x4nvme8sff-lsi-3216-red-psu-p-3411.html>