

Supermicro SuperServer SYS-6029BT-DNC0R 2U BigTwin DP 2x3NVMe/6SFF LSI 3008 RED PSU

Kod producenta: SYS-6029BT-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)	6
# of 2.5 NVMe bays (per node)	3
# 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	7 x AHCI iSATA 6Gb/s 6 x sSATA 6Gb/s LSI 3008 12Gb/s IT
Network Controllers	SIOM Network Card
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 765 mm
Uwagi	Drive Bays/Storage (per Node): 6x SAS3 or 3x NVMe 3x SAS3 Hot-swap 3.5" 2x Internal M.2 NVMe/SATA slots PCI-Express Slots Configuration: 2x PCI-E 3.0 x8 slot 1x PCI-E 3.0 x16 slot 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-6029BT-DNC0R • SuperServer 6029BT-DNC0R (Black)		Form Factor • 2U Rackmount	
Motherboard		Model • CSE-827BHD+-R2K22BP	
Super X11DPT-B		Dimensions and Weight	
Processor/Cache		Width • 17.6" (447mm)	
CPU • Dual Socket P (LGA 3647) • Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/s • Support CPU TDP 70-205W*		Height • 3.47" (88mm)	
Cores • Up to 28 Cores with Intel® HT Technology		Depth • 30.11" (765mm)	
Note • * Certain CPUs with high TDP may be supported only under specific conditions. Please contact Supermicro Technical Support for additional information about specialized system optimization.		Package • 9.76" (H) x 24.65" (W) x 45.28" (D)	
		Weight • Gross Weight: 114.66 lbs (52.01 kg) • Net Weight: 87.13 lbs (39.52 kg)	
		Available Colors • Black	
System Memory		Front Panel	
Memory Capacity • 24 DIMM slots • Up to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to 2666MHz		Buttons • Power On/Off button • UID button • Power status LED • HDD activity LED • Network activity LEDs • Universal Information (UID) LED	
Memory Type • 2666/2400/2133MHz ECC DDR4 SDRAM		LEDs	
On-Board Devices		Expansion Slots (per Node)	
Chipset • Intel® C621 chipset		• 2 PCI-E 3.0 x8 slots	
SAS • SAS3 (12Gbps) via Broadcom 3008; IT mode		• 1 PCI-E 3.0 x16 slot	
Network • Must bundle with at least one S10M network card		• 1 S10M card support (must bundle with network card)	
IPMI • Support for Intelligent Platform Management Interface v.2.0		Drive Bays / Storage (per Node)	
Video • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support		• 6 SAS3 or 3 NVMe + 3 SAS3 Hot-swap 3.5" drive bays	
		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)		M.2 • 2 Internal M.2 NVMe/SATA slots	
LAN • 1 RJ45 Dedicated IPMI LAN port		System Cooling	
USB • 2 USB 3.0 ports (rear)		Fans • 4 Heavy duty 8cm PWM fans with 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 • 1200W/1800W/1980W/2090/2200W	
BIOS Type • AMI 32Mb SPI Flash ROM		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		• 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)	
FAN • 4+1 Phase-switching voltage regulator		• Max: 165A / Min: 0A (220-230Vac)	
• 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 fan connectors		• 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-6029bt-dnc0r-2u-bigtwin-dp-2x3nvme6sff-lsi-3008-red-psu-p-3644.html>