

Supermicro SuperServer SYS-2029UZ-TN20R25M 2U DP 20xNVMe 4xSFF 2x25GbE RED PSU

Kod producenta: SYS-2029UZ-TN20R25M



Chassis Form Factor	Rack 2U
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	2
Supported CPU's	Intel Xeon Scalable 2nd Gen Intel Xeon Scalable 1stt Gen
Max CPU TDP	205 W
Chipset	Intel C621
Memory Type	DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2666 MHz 2400 MHz 2133 MHz
# of DIMM's	24
Max Memory Size	3072 GB
Integrated GPU	Aspeed AST2500
# of 2.5 NVMe bays	20
# of 2.5 Hybrid NVMe bays	4
# of PCIe x8 3.0	1
# of USB Ports	2 x USB 3.0 (rear) 1 x USB 3.0 Type A
# of SATA Ports	10
# of Super DOM	2
Storage Controllers	8 x AHCI iSATA 6Gb/s 2 x sSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 25GbE Ports	2 x SFP28
Network Controllers	25GbE SFP28 ports via AOC-2UR68-m2TS (Mellanox ConnectX-4 Lx EN)
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
Power Supply	Redundant
PSU Wattage	1600 W
PSU Certification	80+ Titanium
Chassis Dimensions	437 x 89 x 705mm
Uwagi	Drive Bays/Storage: 20x NVMe + 4x SAS3/SATA 1x M.2 NVMe (2240/2260/2280/22110) 1x M.2 SATA3 (2240/2260/2280/22110) 2x M.2 NVMe (2260/2280/22110)

SYS-2029UZ-TN20R25M • SuperServer 2029UZ-TN20R25M (Black)

Super X11DPU-Z+

CPU	• Dual Socket P (LGA 3647) • Intel® Xeon® Scalable Processors, 3 UPI up to 10.4GT/s
Cores	• Support CPU TDP 70-205W with IVR • Up to 28 Cores with Intel® HT Technology

Memory Capacity	• 24 DIMM slots • Up to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to 2666MHz
Memory Type	• 2666/2400/2133MHz ECC DDR4 SDRAM

Chipset	• Intel® C621 chipset
SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10
Network Connectivity	• 2x 25GbE SFP28 ports via AOC-URN4-M2TS-O (Mellanox ConnectX-4 Lx EN)
IPMI	• Support for Intelligent Platform Management Interface v.2.0
	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Graphics	• ASPEED AST2500 BMC

NVMe	• 20 NVMe ports direct connect
	• 2 25GbE SFP28 ports
LAN	• 1 RJ45 Dedicated IPMI LAN port
USB	• 3 USB 3.0 ports (2 rear, 1 Type A)
Video	• 2 VGA ports (1 rear, 1 onboard)
Serial Port	• 1 Serial header
DOM	• 2 SuperDOM (Disk on Module) ports

BIOS Type • AMI 32Mb SPI Flash ROM

Software	• Intel® Node Manager • Redfish API • IPMI 2.0 • KVM with dedicated LAN • NMI • SSM, SPM, SUM • SuperDoctor® 5
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Power Configurations • ACPI Power Management

CPU	• Monitors for CPU Cores, Chipset Voltages, Memory. • 4+1 Phase-switching voltage regulator
FAN	• Fans with tachometer monitoring • Status monitor for speed control • Pulse Width Modulated (PWM) fan connectors
Temperature	• Monitoring for CPU and chassis environment • Thermal Control for 8x fan connectors

Form Factor • 2U Rackmount
Model • **CSE-219U2TS-R1K62P-TN20**

Height	• 3.5" (89mm)
Width	• 17.2" (437mm)
Depth	• 27.76" (705mm)
Weight	• Net Weight: 36 lbs (16.4 kg) • Gross Weight: 72 lbs (32.7 kg)
Available Color	• Black

Buttons	• Power On/Off button • System UID button
LEDs	• Power LED • Hard drive activity LED • Network activity LEDs • UID LED

PCI-Express • 1 PCI-E 3.0 x8 slot (Low-profile)

Hot-swap • 24 Hot-swap 2.5" drive bays
20 NVMe + 4 SAS3/SATA

Fans • 4 Heavy duty 8cm fans

1600W Redundant Power Supplies with PMBus

Dimension (W x H x L) • 73.5 x 40 x 203 mm

Input	• 100-127Vac / 13 - 9A / 50-60Hz • 200-240Vac / 10 - 8A / 50-60Hz
+12V	• Max: 83.3A / Min: 0A (100-127Vac) • Max: 133A / Min: 0A (200-240Vac)
12Vsb	• Max: 2.1A / Min: 0A
Output Type	• 25 Pairs Gold Finger Connector



Certification

RoHS	• RoHS Compliant
Environmental Spec.	• Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) • Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) • 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.

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-2029uz-tn20r25m-2u-dp-20xnvme-4xsff-2x25gbe-red-psu-p-3256.html>