

Supermicro SuperServer SYS-2029U-TN24R4T 2U DP 2xSFF 24xNVMe 4x10GbE RED PSU

Kod producenta: SYS-2029U-TN24R4T



Chassis Form Factor	Rack 2U
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	2
Supported CPU's	Intel Xeon Scalable Processors
Max CPU TDP	205 W
Chipset	Intel C621
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC RDIMM DDR4 ECC NVDIMM
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	24
# of PCIe x16 3.0	2
# 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	14
# of Super DOM	2
Storage Controllers	8 xAHCI iSATA 6Gb/s 6 x sSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 10GbE Ports	4 x Base-T
Network Controllers	Intel X550 Quad Port 10GBase-T
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2500
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	1600W
PSU Certification	80+ Titanium
Chassis Dimensions	437 x 89 x 705mm
Uwagi	Drive Bays: 24x Hot-swap 2.5" drive bays: 24x NVMe (4x hybrid ports-SAS3 via opt. AOC) 2x rear Hot-swap 2.5" SATA M.2: 1x M.2 NVMe (2240/2260/2280/22110) 1x M.2 SATA3 (2240/2260/2280/22110) 2x M.2 NVMe (2240/2260/2280/22110)

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-2029U-TN24R4T • SuperServer 2029U-TN24R4T (Black)		Form Factor • 2U Rackmount	
Motherboard		Model • CSE-219AC24-R1K62P-N24T	
Super X11DPU		Dimensions and Weight	
Processor/Cache		Width • 17.2" (437mm)	
CPU • Dual Socket P (LGA 3647)		Height • 3.5" (89mm)	
• Intel® Xeon® Scalable Processors,		Depth • 27.76" (705.3mm)	
Dual UPI up to 10.4GT/s		Weight • Net Weight: 39 lbs (17.7 kg)	
• Support CPU TDP 70-205W		• Gross Weight: 63 lbs (28.6 kg)	
Cores • Up to 28 Cores with Intel® HT Technology		Available Colors • Black	
System Memory		Front Panel	
• 24 DIMM slots		Buttons • Power On/Off button	
Memory Capacity • Up to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to 2666MHz		• System Reset button	
Memory Type • 2666/2400/2133MHz ECC DDR4 SDRAM		• Power status LED	
• 2666 ECC DDR4 NVDIMM		• HDD activity LED	
On-Board Devices		LEDs • Network activity LEDs	
Chipset • Intel® C621 chipset		• System information (overheat/UID) LED	
Storage • SATA3 (6Gbps); RAID 0, 1, 5, 10 per node		Expansion Slots	
• 4x 10GBase-T ports via Intel® X550 Ethernet Controller		• 2 PCI-E 3.0 x16 (FH, 10.5" L)	
Network Connectivity • 1x Realtek RTL8211E PHY (dedicated IPMI)		• 1 PCI-E 3.0 x8 (LP)	
IPMI • Support for Intelligent Platform Management Interface v.2.0		PCI-Express (Both CPUs need to be installed for full access to PCI-E slots and onboard controllers. See manual block diagram and AOC Support for details.)	
Graphics • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support		Drive Bays	
• ASPEED AST2500 BMC		• 24 Hot-swap 2.5" drive bays: 24 NVMe (4 hybrid ports - SAS3 via opt. AOC)	
Input / Output		Hot-swap • 2 rear Hot-swap 2.5" SATA drive bays	
NVMe • 24 NVMe ports		• 1 M.2 NVMe (2240/2260/2280/22110)	
LAN • 4 10GBase-T LAN ports		• 1 M.2 SATA3 via optional cable CBL-SAST-0538 (2240/2260/2280/22110)	
USB • 1 RJ45 Dedicated IPMI LAN port		• 2 M.2 NVMe via optional add-on card AOC-SLG3-2M2 (2260/2280/22110)	
Video • 3 USB 3.0 ports (2 rear, 1 Type A)			
Serial Port / Header • 2 VGA ports (1 rear, 1 onboard)			
DOM • 1 Serial port			
• 2 SuperDOM (Disk on Module) ports			
System BIOS		System Cooling	
BIOS Type • AMI 32Mb SPI Flash ROM		Fans • 4 Heavy duty 8cm PWM fans	
Management		Power Supply	
• Intel® Node Manager		1600W Redundant Power Supplies with PMBus	
• Redfish API		Total Output Power • 1000W/1600W	
• IPMI 2.0		Dimension (W x H x L) • 73.5 x 40 x 203 mm	
• KVM with dedicated LAN		Input • 100-127Vac / 13 - 9A / 50-60Hz	
• NMI		• 200-240Vac / 10 - 8A / 50-60Hz	
• SSM, SPM, SUM		+12V • Max: 83.3A / Min: 0A (100-127Vac)	
• SuperDoctor® 5		• Max: 133A / Min: 0A (200-240Vac)	
Power Configurations • ACPI Power Management		12Vsb • Max: 2.1A / Min: 0A	
PC Health Monitoring		Output Type • 25 Pairs Gold Finger Connector	
CPU • Monitors for CPU Cores, Chipset Voltages, Memory.			
• 4+1 Phase-switching voltage regulator		Certification • UL/cUL/CB/BSMI/CE/CCC	
FAN • Fans with tachometer monitoring		• Titanium Level	
• Status monitor for speed control		[Test Report]	
• Pulse Width Modulated (PWM) fan connectors		Operating Environment	
• Monitoring for CPU and chassis environment		RoHS • RoHS Compliant	
Temperature • Thermal Control for fan connectors		• 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-2029u-tn24r4t-2u-dp-2xsff-24xnvme-4x10gbe-red-psu-p-3196.html>