

Supermicro SuperServer SYS-1029U-TN10RT 1U DP 10xNVMe 2x10GbE RED PSU

Kod producenta: SYS-1029U-TN10RT

	Chassis Form Factor	Rack 1U
	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
	Memory Speed	2666 MHz 2400 MHz 2133 MHz
	# of DIMM's	24
	Max Memory Size	3072 GB
	Integrated GPU	Aspeed AST2500
	# of 2.5 hot-swap bays	10
	# of 2.5 Hybrid NVMe bays	4
	# of PCIe x16 3.0	2
	# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A
	# of SATA Ports	10
	Storage Controllers	10 x AHCI iSATA 6Gb/s
	Integrated RAID	0,1,5,10
	# of Serial Ports	1 x Fast UART 16550 (header)
	# of 10GbE Ports	2 x Base-T
	Network Controllers	Intel x540 Dual Port 10 Gigabit Base-T
	Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
	BMC chip	Aspeed AST2500
	Power Supply	Redundant
	PSU Wattage	1000W
	PSU Certification	80+ Titanium
	Chassis Dimensions	437 x 43 x 724mm
	Uwagi	HDD bays configuration: 1x M.2 NVMe (2242/2260/2280*/22110*) 1x M.2 SATA (2242/2260/2280*/22110*) Not supported if installing both NVMe & SATA M.2 Network Connectivity: 2 x10GBase-T ports via AOC-UPB6-i2XT

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-1029U-TN10RT • SuperServer 1029U-TN10RT (Black)	Form Factor • 1U Rackmount
Motherboard	Model • CSE-119UAC10-R1K02P-N10T
Super X11DPU	Dimensions and Weight
Processor/Cache	Height • 1.7" (43mm)
CPU	Width • 17.2" (437mm)
• Dual Socket P (LGA 3647)	Depth • 27.82" (707mm)
• Intel® Xeon® Scalable Processors,	Gross Weight • 48 lbs (21.8 kg)
Dual UPI up to 10.4GT/s	Available
• Support CPU TDP 70-205W with IVR	Color • Black
Cores	Front Panel
• Up to 28 Cores with Intel® HT Technology	Buttons
System Memory	• Power On/Off button
• 24 DIMM slots	• System UID button
Memory Capacity • Up to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to 2666MHz	• Power LED
Memory Type • 2666/2400/2133MHz ECC DDR4 SDRAM	LEDs
On-Board Devices	• Hard drive activity LED
Chipset	• Network activity LEDs
SATA	• UID LED
• Intel® C621 chipset	Expansion Slots
• SATA3 (6Gbps); RAID 0, 1, 5, 10	• 2 PCI-E 3.0 x16 slots (Full-height, 10.5"L)
• 2 10GBase-T ports via AOC-URN6-I2XT	PCI-Express
• Intel® X540 Dual Port 10GBase-T	(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.)
• Virtual Machine Device Queues reduce I/O overhead	Drive Bays / Storage
• Supports 10GBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output	Hot-swap
• Support for Intelligent Platform Management Interface v.2.0	• 10 Hot-swap 2.5" drive bays
• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	• 10 NVMe (4 hybrid ports for optional SAS3 via AOC)
• ASPEED AST2500 BMC	• 1 M.2 NVMe (2242/2260/2280*/22110*)
IPMI	• 1 M.2 SATA (2242/2260/2280*/22110*) via optional SATA cable
Graphics	M.2
Input / Output	(2242/2260/2280*/22110*) via optional SATA cable
NVMe	Not supported if installing both NVMe & SATA M.2
• 6 NVMe ports (NVMe from CPU 1)	System Cooling
• 4 NVMe Hybrid ports with optional SAS3 (NVMe from CPU 2)	Fans
LAN	• 8 Heavy duty fans with optimal fan speed control
• 2 RJ45 10GBase-T ports	Air Shroud
• 1 RJ45 Dedicated IPMI LAN port	• 1 Air Shroud
USB	Power Supply
• 5 USB 3.0 ports	1000W Redundant Power Supplies with PMBus
(2 rear, 2 front, 1 Type A)	Total Output
Video	• 800W/1000W
• 2 VGA ports (1 rear, 1 onboard)	Power
Serial Port	• 73.5 x 40 x 203 mm
• 1 Serial header	Dimension (W x H x L)
DOM	• 100-127Vac / 9.8 - 7A / 50-60Hz
• 2 SuperDOM (Disk on Module) ports	Input
System BIOS	• 200-240Vac / 7 - 5A / 50-60Hz
BIOS Type	• Max: 66.7A / Min: 0A (100-127Vac)
• AMI 32Mb SPI Flash ROM	+12V
Management	• Max: 83A / Min: 0A (200-240Vac)
• Intel® Node Manager	12Vsb
• Redfish API	• Max: 2.1A / Min: 0A
• IPMI 2.0	Output Type
• KVM with dedicated LAN	• 25 Pairs Gold Finger Connector
• NMI	Certification
• SSM, SPM, SUM	UL/cUL/CB/BSMI/CE/CCC
• SuperDoctor® 5	Titanium Level
Power Configurations • ACPI Power Management	[Test Report]
PC Health Monitoring	Operating Environment
CPU	RoHS
• Monitors for CPU Cores, Chipset Voltages, Memory.	• RoHS Compliant
• 4+1 Phase-switching voltage regulator	• Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)
FAN	• Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
• Fans with tachometer monitoring	Environmental Spec.
• Status monitor for speed control	• Operating Relative Humidity: 8% to 90% (non-condensing)
• Pulse Width Modulated (PWM) fan connectors	• Non-operating Relative Humidity: 5% to 95% (non-condensing)
Temperature	
• Monitoring for CPU and chassis environment	
• Thermal Control for 8x fan connectors	

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-superserver-sys-1029u-tn10rt-1u-dp-10xnvme-2x10gbe-red-psu-p-3139.html>