

Supermicro SuperServer SYS-1028U-TNRTP+ 1U DP 8xSFF 2xNVMe 2x10GbE SFP+ RED PSU

Kod producenta: SYS-1028U-TNRTP+

Chassis Form Factor	Rack 1U
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2600v4 Intel Xeon E5-2600v3
Max CPU TDP	145W
Chipset	Intel C612 Wellsburg
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2400 MHz 2133 MHz 1866 MHz 1600 MHz
# of DIMM's	24
Max Memory Size	3072 GB
Integrated GPU	Aspeed AST2400
# of 2.5 hot-swap bays	8
# of 2.5 Hybrid NVMe bays	2
Backplanes	SAS3/SATA3
# of PCIe x16 3.0	2
# of PCIe x8 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	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 10GbE Ports	2 x SFP+
Network Controllers	Intel 82599ES Dual port 10Gigabit SFP+
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	750W
PSU Certification	80+ Platinum
Chassis Dimensions	437 x 43 x 707mm
Uwagi	HDD bays configuration: 10x 2.5" Hot-swap drive bays: 8x SATA3 ports by default 2x NVMe/SATA3 hybrid ports Optional 8 x SAS3 ports via AOC



Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs		
SYS-1028U-TNTRTP+ • SuperServer 1028U-TNTRTP+ (Black)		
Motherboard		
Super X10DR114		
Processor/Cache		
CPU	<ul style="list-style-type: none"> Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP) * Dual Socket R3 (LGA 2011) 	
Cores / Cache	Up to 22 Cores / Up to 35MB Cache	
System Bus	QPI up to 9.6 GT/s	
Note	<ul style="list-style-type: none"> BIOS version 2.0 or above is required Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization. 	
System Memory		
Memory Capacity	24x 288-pin DDR4 DIMM slots	
Memory Type	Up to 1.5TB ECC LRDIMM, RDIMM	
DIMM Sizes	2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	
Memory Voltage	64GB, 32GB, 16GB, 8GB, 4GB	
Error Detection	1.2 V	
	Corrects single-bit errors	
On-Board Devices		
Chipset	Intel® C612 chipset	
SATA	<ul style="list-style-type: none"> SATA3 (6Gbps) with RAID 0, 1, 5, 10 Support for Intelligent Platform Management Interface v2.0 	
IPMI	<ul style="list-style-type: none"> IPMI 2.0 with virtual media over LAN and KVM-over-LAN support ASPEED AST2400 BMC 2x 10G SFP+ ports via ACPI-IPMI-2.0 Intel® 62599ES 10G SFP+ 1x Realtek RTL8211E PHY (dedicated IPMI) ASPEED AST2400 BMC 	
Network Connectivity		
Graphics		
Input / Output		
SATA	10x SATA3 (6Gbps) ports	
SAS	8x SAS3 ports support via optional Add-on Card	
NVMe	2x NVMe ports	
LAN	<ul style="list-style-type: none"> 2x 10G SFP+ ports 1x RJ45 Dedicated IPMI LAN port 	
USB	5x USB 3.0 ports (2 rear, 2 front panel, 1 Type A)	
Video	1x VGA Connector	
Serial Port	1x Serial header	
System BIOS		
BIOS Type	<ul style="list-style-type: none"> 128Mb SPI Flash EEPROM with AMI BIOS Plug and Play (PaP) AFM 1.2 PCI 2.3 	
BIOS Features	<ul style="list-style-type: none"> ACPI 1.0 / 2.0 / 3.0 / 4.0 USB Keyboard support SMBIOS 2.7.1 UEFI 2.3.1 	
Management		
Software	<ul style="list-style-type: none"> SuperDoctor® 5 Intel® Node Manager 3.0 Watch Dog NMI SLM and SSM Optional IPMI 1.5 / 2.0 	
Power Configurations	<ul style="list-style-type: none"> ACPI Power Management Power-on mode for AC power recovery 	
Chassis		
Form Factor	1U Rackmount	
Model	CSE-119U/AC2-R750	
Dimensions and Weight		
Height	1.7" (43mm)	
Width	17.2" (437mm)	
Depth	27.82" (707mm)	
Weight	<ul style="list-style-type: none"> Net Weight: 26 lbs (11.8 kg) Gross Weight: 41 lbs (18.6 kg) 	
Available Color	Black	
Front Panel		
Buttons	<ul style="list-style-type: none"> Power On/Off button System Reset button Power LED Hard drive activity LED 2x Network activity LEDs System Overheat LED / Fan fail LED / UID LED 	
LEDs		
Expansion Slots	<ul style="list-style-type: none"> 2x PCI-E 3.0 x16 slots (Full-height, 10.5" L) 2x PCI-E 3.0 x8 slots (Low-profile, 1 internal) 	
PCI-Express	<ul style="list-style-type: none"> Both CPUs need to be installed for full access to PCI-E slots and onboard controllers. See manual block diagram and ACD Support for details. 	
Drive Bays		
Hot-swap	<ul style="list-style-type: none"> 10x 2.5" Hot-swap drive bays Default: 8x SATA3 ports and 2x NVMe/SATA3 hybrid ports Optional 8x SAS3 ports via AOC 	
System Cooling		
Fans	<ul style="list-style-type: none"> 5x heavy duty fans with optimal fan speed control 3x additional fans optional 	
Air Shroud	1x Air Shroud	
Power Supply		
AC Input	<ul style="list-style-type: none"> 750W Redundant AC-DC Power Supplies, +12V/+12Vsb output 100-127Vac, 50-60Hz 200-240Vac, 50-60Hz Max: 62.5A & Min: 0A (100Vac-127Vac) Max: 62.5A & Min: 0A (200Vac-240Vac) 	
+12V	<ul style="list-style-type: none"> Max: 2.1A Min: 0A 	
12V SB		
Certification	<ul style="list-style-type: none"> Platinum Level Test Report 1 	
PC Health Monitoring		
Voltage	<ul style="list-style-type: none"> Monitors for CPU Cores, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages. 5+1 Phase-switching voltage regulator 8x 4-pin fan headers Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Support to monitor Supermicro AOC temperatures from IPMI or SD 5 Monitoring for CPU and chassis environment 	
FAN	<ul style="list-style-type: none"> CPU thermal trip support Thermal Control for 8x Fan Connectors Thermal Monitor 2 (TM2) support PECC Memory DIMM ECC error LEDs CPU / System Overheat LED Suspend static indicator LED UID/Remote UID 4x 8-pin GPU power connectors Chassis intrusion detection Chassis intrusion header SDDC Support RoHS 	
Temperature		
LED		
Other Features		
Operating Environment / Compliance		
RoHS	<ul style="list-style-type: none"> RoHS Compliant Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) Operating Relative Humidity: 5% 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-1028u-tntrtp-1u-dp-8xsff-2xnvme-2x10gbe-sfp-red-psu-p-1908.html>