

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

Kod producenta: SYS-1028U-TNRT+



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	SAS2/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
# of SATA DOM power	2
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 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 AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	750W
PSU Certification	80+ Platinum
Rack Rails	included
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-TNRT+ • SuperServer 1028U-TNRT+ (Black)	Chassis [+] Form Factor • 1U Rackmount Model • CSE-119U/AC2-R750
Motherboard [+] Super X10DR11-L4	Dimensions and Weight [+] Height • 1.7" (43mm) Width • 17.2" (437mm) Depth • 27.82" (707mm) Weight • Net Weight: 26 lbs (11.8 kg) • Gross Weight: 41 lbs (18.6 kg) Available Color • Black
Processor/Cache [+] CPU • 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 • BIOS version 2.0 or above is required * Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.	Front Panel [+] Buttons • 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
System Memory [+] Memory Capacity • 24x 288-pin DDR4 DIMM slots • Up to 1.5TB ECC LRDIMM, RDIMM Memory Type • 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit DIMM Sizes • 64GB, 32GB, 16GB, 8GB, 4GB Memory Voltage • 1.2 V Error Detection • Corrects single-bit errors	LEDs [+] • 2x PCIe 3.0 x16 slots (Full-height, 10.5" L) • 2x PCIe 3.0 x8 slots (Low-profile, 1 internal) PCI-Express (Both CPUs need to be installed for full access to PCIe slots and onboard controllers. See manual block diagram and ACDC Support for details.)
On-Board Devices [+] Chipset • Intel® C612 chipset SATA • SATA3 (6Gbps) with RAID 0, 1, 5, 10 • Support for Intelligent Platform Management Interface v.2.0 IPMI • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC • 2x 10GBase-T ports via ACPI-IPMI-2.0 • Intel® X540 10GBase-T • 1x Realtek RTL8211E PHY (dedicated IPMI) • ASPEED AST2400 BMC	Drive Bays [+] • 10x 2.5" Hot-swap drive bays Hot-swap • Default: 8x SATA3 ports and 2x NVMe/SATA3 hybrid ports • Optional 8x SAS3 ports via AOC
Network Connectivity [+] Graphics • ASPEED AST2400 BMC	System Cooling [+] Fans • 5x heavy duty fans with optimal fan speed control • 3x additional fans optional Air Shroud • 1x Air Shroud
Input / Output [+] SATA • 10x SATA3 (6Gbps) ports SAS • 8x SAS3 ports support via optional Add-on Card NVMe • 2x NVMe ports LAN • 2x RJ45 10GBase-T ports • 1x RJ45 Dedicated IPMI LAN port USB • 5x USB 3.0 ports (2 rear, 2 onboard header, 1 Type A) Video • 1x VGA Connector Serial Port • 1x Serial header	Power Supply [+] 750W Redundant AC-DC Power Supplies, +12V/+12Vsb output AC Input • 100-127Vac, 50-60Hz • 200-240Vac, 50-60Hz • Max: 62.5A & Min: 0A (100Vac-127Vac) • Max: 62.5A & Min: 0A (200Vac-240Vac) +12V • Max: 2.1A • Min: 0A 12V SB • Max: 2.1A • Min: 0A
System BIOS [+] BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS • Plug and Play (PnP) • APM 1.2 • PCI 2.3 BIOS Features • ACPI 1.0 / 2.0 / 3.0 / 4.0 • USB Keyboard support • SMBIOS 2.7.1 • UEFI 2.3.1	Certification [+] Platinum Level [Test Report]
Management [+] • SuperDoctor® 5 • Intel® Node Manager 3.0 Software • Watch Dog • NMI • SLM and SSM • Optional IPMI 1.5 / 2.0	PC Health Monitoring [+] • 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
Power Configurations [+] • ACPI Power Management • Power-on mode for AC power recovery	Voltage [+] • CPU thermal trip support • Thermal Control for 8x Fan Connectors • Thermal Monitor 2 (TM2) support • PECI • 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 [+] • Support to monitor Supermicro AOC temperatures from IPMI or SD 5 • Monitoring for CPU and chassis environment
	LED [+] • 4x 8-pin GPU power connectors • Chassis intrusion detection • Chassis intrusion header • SDDC Support • RoHS
	Other Features [+] • Support to monitor Supermicro AOC temperatures from IPMI or SD 5 • Monitoring for CPU and chassis environment
	Operating Environment / Compliance [+] RoHS • 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) Spec. • 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-tnrt-1u-dp-8xsff-2xnvme-2x10gbe-red-ps-u-p-975.html>