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-TNRTP+ • SuperServer 1028U-TNRTP+ (**Black**)

Motherboard

Super X10DRU-i+

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 **55MB**† Cache
System Bus	• QPI up to 9.6 GT/s
Note	† BIOS version 2.0 or above is required
Note	* 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 • 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

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
Network Connectivity	• 2x 10G SFP+ ports via AOC-URN2-I2XS • Intel® 82599ES 10G SFP+ • 1x Realtek RTL8211E PHY (dedicated IPMI)
Graphics	• ASPEED AST2400 BMC

Input / Output

SATA	• 10x SATA3 (6Gbps) ports
SAS	• 8x SAS3 ports support via optional Add-on Card
NVMe	• 2x NVMe ports
LAN	• 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	• 128Mb SPI Flash EEPROM with AMI BIOS
BIOS Features	• Plug and Play (PnP) • APM 1.2 • PCI 2.3 • ACPI 1.0 / 2.0 / 3.0 / 4.0 • USB Keyboard support • SMBIOS 2.7.1 • UEFI 2.3.1

Management

Software	• SuperDoctor® 5 • Intel® Node Manager 3.0 • Watch Dog • NMI • SUM and SSM • Optional IPMI 1.5 / 2.0
Power Configurations	• ACPI Power Management • Power-on mode for AC power recovery

Chassis

Form Factor	• 1U Rackmount
Model	• **CSE-119UAC2-R750**

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

Front Panel

Buttons	• Power On/Off button • System Reset button
LEDs	• Power LED • Hard drive activity LED • 2x Network activity LEDs • System Overheat LED / Fan fail LED / UID LED

Expansion Slots

PCI-Express	• 2x PCI-E 3.0 x16 slots (Full-height, 10.5" L) • 2x PCI-E 3.0 x8 slots (Low-profile, 1 internal) (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.)

Drive Bays

Hot-swap	• 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	• 5x heavy duty fans with optimal fan speed control • 3x additional fans optional
Air Shroud	• 1x Air Shroud

Power Supply

750W Redundant AC-DC Power Supplies, +12V/+12Vsb output

AC Input	• 100-127Vac, 50-60Hz • 200-240Vac, 50-60Hz
+12V	• Max: 62.5A & Min: 0A (100Vac-127Vac) • Max: 62.5A & Min: 0A (200Vac-240Vac)
12V SB	• Max: 2.1A • Min: 0A
Certification	**Platinum Level** [**Test Report**]

PC Health Monitoring

Voltage	• Monitors for CPU Cores, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages. • 5+1 Phase-switching voltage regulator
FAN	• 8x 4-pin fan headers • Status monitor for speed control • Pulse Width Modulated (PWM) fan connectors
Temperature	• Support to monitor Supermicro AOC temperatures from IPMI or SD 5 • Monitoring for CPU and chassis environment • CPU thermal trip support • Thermal Control for 8x Fan Connectors • Thermal Monitor 2 (TM2) support • PECI
LED	• Memory DIMM ECC error LEDs • CPU / System Overheat LED • Suspend static indicator LED • UID/Remote UID
Other Features	• 4x 8-pin GPU power connectors • Chassis intrusion detection • Chassis intrusion header • SDDC Support • RoHS

Operating Environment / Compliance

RoHS	• RoHS Compliant
Environmental Spec.	• 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: 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-1028u-tnrtp-1u-dp-8xsff-2xnvme-2x10gbe-sfp-red-psu-p-1908.html