

Supermicro SuperServer SYS-2028U-TRTP+ 2U DP 24xSFF 2x10GbE SFP+ RED PSU

Kod producenta: SYS-2028U-TRTP+

Chassis Form Factor	Rack 2U
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2600v4 Intel Xeon E5-2600v3
Max CPU TDP	160W
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	24
Backplanes	SAS3
# of PCIe x16 3.0	1
# of PCIe x8 3.0	7
# 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 Super DOM	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 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	1000W
PSU Certification	80+ Titanium
Chassis Dimensions	437 x 89 x 705mm
Uwagi	HDD bays configuration: 24x Hot-swap 2.5" Drive Bays: 10x SATA3 ports by default Optional drive support: 24x SAS3 Note: optional storage card is required to support more than 10 drives



Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs	
SYS-2028U-TRTP+ • SuperServer 2028U-TRTP+ (Black)	
Motherboard	
Super X10DRU-i+	
Processor/Cache	
CPU	<ul style="list-style-type: none"> Intel® Xeon® processor E5-2600 v4/ v3 family (up to 160W TDP) • Dual Socket R3 (LGA 2011)
Cores / Cache	<ul style="list-style-type: none"> Up to 22 Cores / Up to 55MB Cache
System Bus	<ul style="list-style-type: none"> QPI up to 9.6 GT/s
Note	<ul style="list-style-type: none"> BIOS version 3.0 or above is required Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.
System Memory	
Memory Capacity	<ul style="list-style-type: none"> 24x 288-pin DDR4 DIMM slots Up to 3TB ECC 3DS LRDIMM, 768GB ECC RDIMM
Memory Type	<ul style="list-style-type: none"> 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit
DIMM Sizes	<ul style="list-style-type: none"> 64GB, 32GB, 16GB, 8GB, 4GB
Memory Voltage	<ul style="list-style-type: none"> 1.2 V
Error Detection	<ul style="list-style-type: none"> Corrects single-bit errors
On-Board Devices	
Chipset	<ul style="list-style-type: none"> Intel® C612 chipset
SATA	<ul style="list-style-type: none"> SATA3 (6Gbps) with RAID 0, 1, 5, 10 Support for Intelligent Platform Management Interface v.2.0
IPMI	<ul style="list-style-type: none"> IPMI 2.0 with virtual media over LAN and KVM-over-LAN support ASPEED AST2400 BMC
Network Connectivity	<ul style="list-style-type: none"> 2x 10G SFP+ ports via AOC-2UR68-2XS Intel® 82599ES 10G SFP+ 1x Realtek RTL8211E PHY (dedicated IPMI)
Graphics	<ul style="list-style-type: none"> ASPEED AST2400 BMC
Input / Output	
SATA	<ul style="list-style-type: none"> 10x SATA3 (6Gbps) ports
SAS	<ul style="list-style-type: none"> 24x SAS3 ports support via optional Add-on Cards
LAN	<ul style="list-style-type: none"> 2x 10G SFP+ ports 1x RJ45 Dedicated IPMI LAN port
USB	<ul style="list-style-type: none"> 5x USB 3.0 ports (2 rear, 2 onboard header, 1 Type A)
Video	<ul style="list-style-type: none"> 1x VGA Connector
Serial Port / Header	<ul style="list-style-type: none"> 1x Serial header
DOM	<ul style="list-style-type: none"> 2x SuperDOM (Disk on Module) ports
System BIOS	
BIOS Type	<ul style="list-style-type: none"> 128Mb SPI Flash EEPROM with AMI BIOS Plug and Play (PiP) APM 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 SMM and SMI 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	<ul style="list-style-type: none"> 2U Rackmount
Model	<ul style="list-style-type: none"> CSE-219UAC-R1K02
Dimensions and Weight	
Width	<ul style="list-style-type: none"> 17.2" (437mm)
Height	<ul style="list-style-type: none"> 3.5" (89mm)
Depth	<ul style="list-style-type: none"> 27.76" (705.3mm)
Weight	<ul style="list-style-type: none"> Net Weight: 36 lbs (16.4 kg) Gross Weight: 72 lbs (32.7 kg)
Available Colors	<ul style="list-style-type: none"> Black
Front Panel	
Buttons	<ul style="list-style-type: none"> Power On/Off button System Reset button UID button
LEDs	<ul style="list-style-type: none"> Power status LED HDD activity LED 2x Network activity LEDs System information (overheat/UID) LED
Expansion Slots	
PCI-Express	<ul style="list-style-type: none"> 1x PCI-E 3.0 x16 slot (FH, 10.5" L) 7x PCI-E 3.0 x8 slots (5x FH, 10.5" L, 1x LP, 1x Internal LP) <p>(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.)</p>
Drive Bays	
Hot-swap	<ul style="list-style-type: none"> 24x Hot-swap 2.5" Drive Bays: 10x SATA3 ports by default Optional drive support: 24x SAS3 <p>Note: optional storage card is required to support more than 10 drives.</p>
Backplane	
2U SAS3 backplane	
System Cooling	
Fans	<ul style="list-style-type: none"> 4x 8cm heavy duty PWM fans
Power Supply	
1000W Redundant Power Supplies with PMBus	
Total Output Power	<ul style="list-style-type: none"> 800W/1000W
Dimension (W x H x L)	<ul style="list-style-type: none"> 73.5 x 40 x 203 mm
Input	<ul style="list-style-type: none"> 100-127Vac / 9.8 - 7A / 50-60Hz 200-240Vac / 7.5A / 50-60Hz
+12V	<ul style="list-style-type: none"> Max: 66.7A / Min: 0A (100-127Vac) Max: 83A / Min: 0A (200-240Vac)
12Vsb	<ul style="list-style-type: none"> Max: 2.1A / Min: 0A
Output Type	<ul style="list-style-type: none"> 25 Pairs Gold Finger Connector
Certification	<ul style="list-style-type: none"> UL/CUL/CB/BSMI/CE/CCC Titanium Level Test Report
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
FAN	<ul style="list-style-type: none"> 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
Temperature	<ul style="list-style-type: none"> CPU thermal trip support Thermal Control for 8x Fan Connectors Thermal Monitor 2 (TM2) support PECI
LED	<ul style="list-style-type: none"> Memory DIMM ECC error LEDs CPU / System Overheat LED Suspense static indicator LED UID/Remote UID
Other Features	<ul style="list-style-type: none"> 4x 8-pin GPU power connectors Chassis intrusion detection Chassis intrusion header SDDC Support RoHS
Operating Environment / Compliance	
RoHS	<ul style="list-style-type: none"> RoHS Compliant
Environmental Spec.	<ul style="list-style-type: none"> 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-2028u-trtp-2u-dp-24xsff-2x10gbe-sfp-red-psu-p-988.html>