

Supermicro SuperServer SYS-1028U-TRT+ 1U DP 10xSFF 2x10GbE RED PSU

Kod producenta: SYS-1028U-TRT+

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	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	10
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
# 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 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
Chassis Dimensions	437 x 43 x 707mm
Uwagi	HDD bays configuration: 10x 2.5" Hot-swap drive bays: 10x SATA3 ports by default Optional 8x SAS3 ports via AOC

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs		Chassis	
SYS-1028U-TRT+ • SuperServer 1028U-TRT+ (Black)		Form Factor • 1U Rackmount	
Motherboard		Model • CSE-119UC-R750	
		Dimensions and Weight	
Super X10DRU+L		Height • 1.7" (43mm)	
Processor/Cache		Width • 17.2" (437mm)	
CPU • Intel® Xeon® processor E5-2600 v4/v3 family (up to 160W TDP) *		Depth • 27.8" (707mm)	
Cores / Cache • Dual Socket R3 (LGA 2011)		Weight • Net Weight: 26 lbs (11.8 kg) • Gross Weight: 41 lbs (18.6 kg)	
System Bus • Up to 22 Cores / Up to 55MB Cache		Available Color • Black	
Note • QPI up to 9.6 GT/s • BIOS version 2.0 or above is required		Front Panel	
Note * Please contact Supremacy Technical Support and specialized information about frequency optimized CPUs and additional system optimization.		Buttons • Power On/Off button • System Reset button	
System Memory		LEDs • Hard drive activity LED • Network activity LEDs • System Overheat LED / Fan fail LED / UID LED	
Memory Capacity • 24x 288-pin DDR4 DIMM slots • Up to 1.5TB ECC LRDIMM, RDIMM		Expansion Slots	
Memory Type • 2400 /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit		• 2x PCI-E 3.0 x16 slots (Full-height, 10.5" L) • 2x PCI-E 3.0 x8 slots (Low-profile, 1 internal)	
DIMM Sizes • 64GB, 32GB, 16GB, 8GB, 4GB		PCI-Express	
Memory Voltage • 1.2 V		(Both CPUs need to be installed for full access to PCI-E slots and onboard controllers. See manual block diagram and AGC Support for details.)	
Error Detection • Corrects single-bit errors		Drive Bays	
On-Board Devices		Hot-swap • 10x 2.5" Hot-swap drive bays	
Chipset • Intel® C612 chipset		System Cooling	
SATA • SATA3 (6Gbps) with RAID 0, 1, 5, 10		Fans • 4x heavy duty fans with optional fan speed control • 4x additional fans optional	
IPMI • Support for Intelligent Platform Management Interface v.2.0 • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC		Air Shroud • 4x Air Shroud	
Network Connectivity • 2x 10GbBase-T ports via AOC-URJ2XX • Intel® X540 10GbBase-T • 1x Realtek RTL8211E PHY (dedicated IPMI)		Power Supply	
Graphics • ASPEED AST2400 BMC		750W Redundant AC-DC Power Supplies, +12V/+12Vsb output	
Input / 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)	
SATA • 10x SATA3 (6Gbps) ports		+12V • Max: 2.1A • Min: 0A	
SAS • 8x SAS3 ports support via optional Add-on Card		12V SB • Max: 2.1A • Min: 0A	
LAN • 2x RJ45 10GbBase-T ports • 1x RJ45 Dedicated IPMI LAN port		Certification	
USB • 5x USB 3.0 ports (2 rear, 2 onboard header, 1 Type A)		UL • Platinum Level	
Video • 1x VGA Connector		[Test Report]	
Serial Port • 1x Serial header		PC Health Monitoring	
System BIOS		Voltage • Monitors for CPU Core, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages. • 5+1 Phase-switching voltage regulator	
BIOS Type • 128MB SPI Flash EEPROM with AMI BIOS • Play and Play (PnP) • APM 1.2 • PCI 2.3		FAN • 8x 4-pin fan headers • Status monitor for speed control • Pulse Width Modulated (PWM) fan connectors	
BIOS Features • ACPI 1.0 / 2.0 / 3.0 / 4.0 • USB Keyboard support • SMBIOS 2.7.1 • UEFI 2.3.1		Temperature • Support to monitor Supermicro AOC temperatures from IPMI or SD card • Monitoring for CPU and chassis environment • CPU thermal trip support • Thermal Control for 8x Fan Connectors	
Management		LED • Thermal Monitor 2 (TM2) support • PECI	
Software • SuperDoctor® 5 • Intel® Node Manager 3.0 • Watch Dog • NMI • SUM and SSM		Other Features • Memory DIMM ECC error LEDs • CPU / System Overheat LED • Suspended static indicator LED • UID/Remote UID • 4x 8-pin GPU power connectors • Chassis intrusion detection • Chassis intrusion header • SDDC Support • RoHS	
Power Configurations • ACPI Power Management • Power-on mode for AC power recovery		Operating Environment / Compliance	
		RoHS • RoHS Compliant	
		Environmental Spec. • Operating Temperature: 5°C to 40°C (41°F to 104°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-trt-1u-dp-10xsff-2x10gbe-red-psu-p-736.html>