

Supermicro SuperServer SYS-1028U-E1CRTP+ 1U DP 10xSFF 2x10GbE SFP+ 2xGbE RED PSU

Kod producenta: SYS-1028U-E1CRTP+

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	145 W
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
# 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 SAS 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+
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i350 Dual Port Gigabit Ethernet Intel X710 Dual Port 10 Gigabit 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 SAS3/SATA3 ports via Expander and AOC:AOC-S3108L-H8iR-16DD AOC-S3108L-H8iR AOC-S3008L-L8e AOC-S3008L-L8i



Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs			
× SYS-1028U-E1CRTP+ • SuperServer 1028U-E1CRTP+ (Black)		× Chassis ×	
× Motherboard ×		× Form Factor Model	• 1U Rackmount • CSE-119UTS-R751P-T
× Super X10DRU-L+ ×		× Dimensions and Weight ×	
× Processor/Cache ×		× Height Width Depth Weight Available Color	• 1.7" (43mm) • 17.2" (437mm) • 27.8" (707mm) • Net Weight: 26 lbs (11.8 kg) • Gross Weight: 41 lbs (18.6 kg) • Black
× CPU Cores / Cache System Bus Note Note	• Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP) * • Dual Socket R3 (LGA 2011) • Up to 22 Cores / Up to 55MB Cache • QPI up to 9.6 GT/s * 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 ×		× Front Panel ×	
× Memory Capacity Memory Type DIMM Sizes Memory Voltage Error Detection	• 24x 288-pin DDR4 DIMM slots • Up to 3TB ECC 3DS LRDIMM, 768GB ECC RDIMM • 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit • RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB • 1.2 V • Corrects single-bit errors	× Buttons LEDs	• 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
× On-Board Devices ×		× Expansion Slots ×	
× Chipset SATA IPMI Network Connectivity Graphics	• Intel® C612 chipset • SATA3 (6Gbps) with RAID 0, 1, 5, 10 • 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 • 2x GbE and 2x SFP+ ports via AOC-UBN2-I4GXS • Intel® i350 Gigabit Ethernet Controller • Intel® X710 10G SFP+ • 1x Realtek RTL8201N PHY (dedicated IPMI) • ASPEED AST2400 BMC	× 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.)
× Input / Output ×		× Drive Bays ×	
× SAS LAN USB Video Serial Port	• 10x SAS3 ports support via expander and storage Add-on Cards • One of the following storage Add-on cards required: AOC-S3108L-H8IR-16DD (12Gbps SAS3/RAID 0, 1, 5, 6, 10, 50, 60, 2GB DDR3 cache, PCI-E Gen3 16 HDD) AOC-S3108-H8IR (12Gbps SAS3/RAID 0, 1, 5, 6, 10, 50, 60, 2GB DDR3 cache, PCI-E Gen3) AOC-S3008L-L8I (12Gbps SAS3/RAID 0,1 and 10, PCI-E Gen3) AOC-S3008L-L8e (12Gbps SAS3/HBA, PCI-E Gen3) • 2x RJ45 GbE LAN ports • 2x 10G SFP+ ports • 1x RJ45 Dedicated IPMI LAN port • 5x USB 3.0 ports (2 rear, 2 front, 1 Type A) • 1x VGA Connector • 1x Serial header	× Hot-swap ×	• 10x 2.5" Hot-swap drives supported via expander
× System BIOS ×		× System Cooling ×	
× BIOS Type BIOS Features	• 128Mb SPI Flash EEPROM with AMI BIOS • 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	× Fans Air Shroud	• 6x heavy duty fans with optimal fan speed control • 2x additional fans optional • 1x Air Shroud
× Management ×		× Power Supply ×	
× Software Power Configurations	• SuperDoctor® 5 • Intel® Node Manager 3.0 • Watch Dog • NMI • SMM and SSM • Optional IPMI 1.5 / 2.0 • ACPI Power Management • Power-on mode for AC power recovery	× AC Input +12V 12V SB Certification	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) • Max: 2.1A • Min: 0A Platinum Level [Test Report]
		× PC Health Monitoring ×	
		× Voltage FAN Temperature LED Other Features	• 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 • 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
		× Operating Environment / Compliance ×	
		× RoHS Environmental Spec.	• RoHS Compliant • Operating Temperature: 10°C to 35°C (50°F to 95°F) • Non-operating Temperature: -40°C to 70°C (-40°F to 158°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.

