

Supermicro SuperServer SYS-6028U-E1CNR4T+ 2U DP 12xLFF 4xNVMe 4x10GbE RED PSU

Kod producenta: SYS-6028U-E1CNR4T+

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	160 W
Chipset	Intel C612 Wellsburg
Memory Type	DDR4 ECC 3DS 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 3.5 hot-swap bays	12
# of 3.5 NVMe bays	4
# of PCIe x8 3.0	6
# 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	4 x Base-T
Network Controllers	Intel x540 Quad 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	1000W
PSU Certification	80+ Titanium
Chassis Dimensions	437 x 89 x 723mm
Uwagi	HDD bays configuration: 12x 3.5" Hot-swap drive bays: 4x NVMe ports 12 x SAS3 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-6028U-E1CNR4T+ • SuperServer 6028U-E1CNR4T+ (Black)	
Motherboard Super X10DRU-1+	
Processor/Cache CPU Cores / Cache System Bus Note Note • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 160W 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 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 • 64GB, 32GB, 16GB, 8GB, 4GB • 1.2 V • Corrects single-bit errors	
On-Board Devices 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 • 4x 10GBase-T ports via AOC-2U10GBase-T • Intel® X540 10GBase-T • 1x Realtek RTL8211E PHY (dedicated IPMI) • ASPEED AST2400 BMC	
Input / Output SAS NVMe LAN USB Video Serial Port / Header DOM • 12x 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) • 4x NVMe ports • 4x RJ45 10GBase-T LAN ports • 1x RJ45 Dedicated IPMI LAN port • 5x USB 3.0 ports (2 rear, 2 onboard header, 1 Type A) • 1x VGA Connector • 1x Serial header • 2x SuperDOM (Disk on Module) ports	
System BIOS 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	
Management Software Power Configurations • SuperDoctor® 5 • Intel® Node Manager 3.0 • Watch Dog • NMI • SLIM and SSM • Optional IPMI 1.5 / 2.0 • ACPI Power Management • Power-on mode for AC power recovery	
Chassis Form Factor Model • 2U Rackmount • CSE-829UE1C4-R1K02	
Dimensions and Weight Width Height Depth Weight Available Colors • 17.2" (437mm) • 3.5" (89mm) • 28.46" (723mm) • Net Weight: 36 lbs (16.4 kg) • Gross Weight: 72 lbs (32.7 kg) • Black	
Front Panel Buttons LEDs • Power On/Off button • System Reset button • Power status LED • HDD activity LED • 2x Network activity LEDs • System information (overheat/UID) LED	
Expansion Slots PCI-Express Drive Bays Hot-swap • Up to 6x PCIe 3.0 x8 slots (4x FH, 10.5" L, 1x LP, 1x Internal LP) (Both CPUs need to be installed for full access to PCIe slots and onboard controllers. See manual block diagram and AOC Support for details.) • 12x 3.5" Hot-swap drive bays • Default 4x NVMe ports • 12x SAS3 ports via Expander and AOC • Note: Storage Add-on card is required	
System Cooling Fans • 4x 8cm heavy duty PWM fans	
Power Supply Total Output Power Dimension (W x H x L) Input +12V 12Vsb Output Type Certification 1000W Redundant Power Supplies with PMBus • 800W/1000W • 73.5 x 40 x 203 mm • 100-127Vac / 9.8 - 7A / 50-60Hz • 200-240Vac / 7 - 5A / 50-60Hz • Max: 66.7A / Min: 0A (100-127Vac) • Max: 83A / Min: 0A (200-240Vac) • Max: 2.1A / Min: 0A • 25 Pairs Gold Finger Connector UL/CUL/CB/BSMI/CE/CCC Titanium 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 S • 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.

<https://www.superstorage.pl/supermicro-superserver-sys-6028u-e1cnr4t-2u-dp-12xlf-4xnvme-4x10gbe-red-psu-p-1925.html>