

Supermicro SuperServer SYS-1028U-E1CR4+ 1U DP 10xSFF 4xGbE RED PSU

Kod producenta: SYS-1028U-E1CR4+

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	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 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 1GbE Ports	4 x RJ45
Network Controllers	Intel i350 Quad Port Gigabit Ethernet
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-E1CR4+	• SuperServer 1028U-E1CR4+ (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 Cores¹ / Up to 55MB¹ Cache
System Bus	• QPI up to 9.6 GT/s
Note	¹ 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 3TB¹ ECC 3DS LRDIMM, 768GB ECC RDIMM
Memory Type	• 2400¹/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit • RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB
DIMM Sizes	• LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB
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	• 4x 10GBase-T ports via AOC-UR-i4G • Intel® i350 Gigabit Ethernet Controller • 1x Realtek RTL8211E PHY (dedicated IPMI)
Graphics	• ASPEED AST2400 BMC

Input / Output	
	• 10x SAS3 ports support via expander and storage Add-on Cards • One of the following storage Add-on cards required:
SAS	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)
LAN	• 4x RJ45 GbE LAN ports • 1x RJ45 Dedicated IPMI LAN port
USB	• 5x USB 3.0 ports (2 rear, 2 front, 1 Type A)
Video	• 1x VGA Connector
Serial Port	• 1x Serial header

System BIOS	
BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS • Plug and Play (PnP) • APM 1.2 • PCI 2.3
BIOS Features	• 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 • SMM 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-119UTS-R751P-T

Dimensions and Weight	
Height	• 1.7" (43mm)
Width	• 17.2" (437mm)
Depth	• 27.8" (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 • Power LED • Hard drive activity LED • 2x Network activity LEDs • System Overheat LED / Fan fail LED / UID LED
LEDs	

Expansion Slots	
	• 2x PCI-E 3.0 x16 slots (Full-height, 10.5" L) • 2x PCI-E 3.0 x8 slots (Low-profile, 1 internal)
PCI-Express	(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 drives supported via expander

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 • Support to monitor Supermicro AOC temperatures from IPMI or SD 5 • Monitoring for CPU and chassis environment
Temperature	• 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 • 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)
Environmental Spec.	• 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-e1cr4-1u-dp-10xsff-4xgbe-red-psu-p-1911.html>