

Supermicro SuperServer SYS-1029U-E1CR4 1U DP 10xSFF 4xGbE RED PSU

Kod producenta: SYS-1029U-E1CR4



| | |
|------------------------|--|
| Chassis Form Factor | Rack 1U |
| CPU Socket | LGA 3647 (Socket P) |
| # of CPU sockets | 2 |
| Supported CPU's | Intel Xeon Scalable Processors |
| Max CPU TDP | 205 W |
| Chipset | Intel C621 |
| Memory Type | DDR4 ECC 3DS LRDIMM DDR4 ECC RDIMM |
| Memory Speed | 2666 MHz 2400 MHz 2133 MHz |
| # of DIMM's | 24 |
| Max Memory Size | 3072 GB |
| Integrated GPU | Aspeed AST2500 |
| # 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 |
| Storage Controllers | 10 x AHCI iSATA 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 AST2500 |
| Power Supply | Redundant |
| PSU Wattage | 750W |
| PSU Certification | 80+ Platinum |
| Chassis Dimensions | 437 x 43 x 724mm |
| Uwagi | HDD bays configuration: 10x SAS3 ports support (SAS Add-on card is optional) Network Connectivity Intel i350 via AOC-UR-i4G |

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

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.

Product SKUs

SYS-1029U-E1CR4 • SuperServer 1029U-E1CR4 (**Black**)

Motherboard

[Super X11DPU](#)

Processor/Cache

- CPU
- Dual Socket P (LGA 3647)
 - Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/s
 - Support CPU TDP 70-205W with IVR
- Cores
- Up to 28 Cores with Intel® HT Technology

System Memory

- Memory Capacity
- 24 DIMM slots
 - Up to 3TB ECC 3DS LRDIMM, 3TB ECC RDIMM, DDR4 up to 2666MHz
- Memory Type
- 2666/2400/2133MHz ECC DDR4 SDRAM

On-Board Devices

- Chipset
- Intel® C621 chipset
- SATA
- SATA3 (6Gbps); RAID 0, 1, 5, 10
- Network Connectivity
- 4 Gigabit Ethernet LAN ports via AOC-UR-i4G (Intel® i350)
 - Support for Intelligent Platform Management Interface v.2.0
- IPMI
- IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
- Graphics
- ASPEED AST2500 BMC

Input / Output

- SAS
- 10 SAS3 ports support via expander and storage Add-on Cards
- LAN
- 4 RJ45 GbE LAN ports
 - 1 RJ45 Dedicated IPMI LAN port
- USB
- 5 USB 3.0 ports (2 rear, 2 front, 1 Type A)
- Video
- 2 VGA ports (1 rear, 1 onboard)
- Serial Port
- 1 Serial header

System BIOS

- BIOS Type
- AMI 32Mb SPI Flash ROM

Management

- Software
- Intel® Node Manager
 - [Redfish API](#)
 - [IPMI 2.0](#)
 - KVM with dedicated LAN
 - NMI
 - [SSM, SPM, SUM](#)
 - [SuperDoctor® 5](#)
- Power Configurations
- ACPI Power Management

PC Health Monitoring

- CPU
- Monitors for CPU Cores, Chipset Voltages, Memory.
 - 4+1 Phase-switching voltage regulator
- FAN
- Fans with tachometer monitoring
 - Status monitor for speed control
 - Pulse Width Modulated (PWM) fan connectors
- Temperature
- Monitoring for CPU and chassis environment
 - Thermal Control for 8x fan connectors

Chassis

- Form Factor
- 1U Rackmount
- Model
- **CSE-119UE1C-R751-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
- LEDs
- Network activity LEDs
 - System Overheat LED / Fan fail LED / UID LED

Expansion Slots

- 2 PCI-E 3.0 x16 (Full-height, 10.5" L)
- 2 PCI-E 3.0 x8 (1 LP, 1 internal LP)

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
- 10 Hot-swap 2.5" drives supported via expander

System Cooling

- Fans
- 8 Heavy duty fans with optimal fan speed control
- Air Shroud
- 1 Air Shroud

Power Supply

750W Redundant AC-DC Power Supplies, +12V/+12Vsb output

- AC Input
- 100-127Vac, 50-60Hz
 - 200-240Vac, 50-60Hz
 - Max: 62.5A & Min: 0A (100Vac-127Vac)
- +12V
- Max: 62.5A & Min: 0A (200Vac-240Vac)
- 12V SB
- Max: 2.1A
 - Min: 0A



Certification

Platinum Level

[[Test Report](#)]

Operating Environment

- RoHS
- RoHS Compliant
- Environmental Spec.
- Operating Temperature: 10°C ~ 35°C (50°F ~ 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)

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-1029u-e1cr4-1u-dp-10xsff-4xgbe-red-psu-p-3157.html>