

Supermicro SuperServer SYS-1029U-E1CR4T 1U DP 10xSFF 4x10GbE RED PSU

Kod producenta: SYS-1029U-E1CR4T



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 10GbE Ports	4 x Base-T
Network Controllers	Intel x710-B 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 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 X710-B via AOC-UR-i4XTF

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-E1CR4T • SuperServer 1029U-E1CR4T (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	4x 10GBase-T ports via AOC-UR-i4XTF (Intel® X710-B) - 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 10GBase-T Ethernet 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
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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
LEDs	- Power LED - Hard drive activity LED - Network activity LEDs - System Overheat LED / Fan fail LED / UID LED

Expansion Slots

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

Hot-swap	10 Hot-swap 2.5" drives supported via expander
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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-e1cr4t-1u-dp-10xsff-4x10gbe-red-psu-p-3158.html>