

Supermicro SuperServer SYS-2029U-E1CR4T 2U DP 24xSFF 4x10GbE RED PSU

Kod producenta: SYS-2029U-E1CR4T



Chassis Form Factor	Rack 2U
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 DDR4 ECC NVDIMM
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	24
# of PCIe x16 3.0	2
# of PCIe x8 3.0	5
# of USB Ports	2 x USB 3.0 (rear) 1 x USB 3.0 Type A
# of SATA Ports	14
# of Super DOM	2
# of SAS Ports	24
Storage Controllers	8 x AHCI iSATA 6Gb/s 6 x sSATA 6Gb/s
# of Serial Ports	1 x Fast UART 16550 (header)
# of 10GbE Ports	4 x Base-T
Network Controllers	Intel X710 Quad Port 10GBase-T (AOC-2UR66-i4XTF)
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	1000W
PSU Certification	80+ Titanium
Chassis Dimensions	437 x 89 x 705mm
Uwagi	Hot-swap Configuration: 24x Hot-swap 2.5" drive bays: 24x SAS3 via opt. AOC Note: Storage AOC is required 1x M.2 NVMe & 1x M.2 SATA3 via opt. RSC-UMR-8 2x M.2 NVMe via opt. AOC-S4G3-2M2

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-2029U-E1CR4T • SuperServer 2029U-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	
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 2666 ECC DDR4 NVDIMM	
On-Board Devices		
Chipset	Intel® C621 chipset	
SAS	SAS3 (12Gbps) via expander + Broadcom 3108/3008 AOC	
Network Connectivity	4x 10GBase-T ports via Intel® X710 (AOC-2UR66-i4XTF) - Support for Intelligent Platform Management Interface v.2.0 - IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	
IPMI	ASPEED AST2500 BMC	
Graphics		
Input / Output		
SAS	24 SAS3 ports support via expander and storage Add-on Cards	
LAN	4 RJ45 10GBase-T LAN ports 1 RJ45 Dedicated IPMI LAN port	
USB	3 USB 3.0 ports (2 rear, 1 Type A)	
Video	1 VGA Connector	
Serial Header	1 Serial header	
DOM	2 SuperDOM (Disk on Module) ports	
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 fan connectors	
Chassis		
Form Factor	2U Rackmount	
Model	CSE-219U2E1C4-R1K02-T	
Dimensions and Weight		
Width	17.2" (437mm)	
Height	3.5" (89mm)	
Depth	27.76" (705.3mm)	
Weight	- Net Weight: 36 lbs (16.4 kg) - Gross Weight: 72 lbs (32.7 kg)	
Available Colors	Black	
Front Panel		
Buttons	- Power On/Off button - System Reset button - Power status LED - HDD activity LED - Network activity LEDs - System information (overheat/UID) LED	
LEDs		
Expansion Slots		
PCI-Express		2 PCI-E 3.0 x16 (FH, 10.5" L) 4 PCI-E 3.0 x8 (FH, 10.5" L) 1 PCI-E 3.0 x8 (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.)
Drive Bays / Storage		
Hot-swap	24 Hot-swap 2.5" drive bays: 24 SAS3 via opt. AOC (4 hybrid ports - opt. 4 NVMe) Note: Storage Add-on card is required 1 M.2 NVMe and 1 M.2 SATA3 via optional riser card RSC-UMR-8 and cable CBL-SAST-0538 (2240/2260/2280/22110) 2 M.2 NVMe via optional add-on card AOC-SLG3-2M2 (2260/2280/22110)	
M.2		
System Cooling		
Fans	4 Heavy duty 8cm PWM fans	
Shroud	1 Air Shroud	
Power Supply		
1000W Redundant Power Supplies with PMBus		
Total Output Power	800W/1000W	
Dimension (W x H x L)	73.5 x 40 x 203 mm	
Input	100-127Vac / 9.8 - 7A / 50-60Hz 200-240Vac / 7 - 5A / 50-60Hz 200-240Vdc / 7 - 5A (for CCC only)	
+12V	- Max: 66.7A / Min: 0A (100-127Vac) - Max: 83A / Min: 0A (200-240Vac) - Max: 83A / Min: 0A (200-240Vdc)	
12Vsb	Max: 2.1A / Min: 0A	
Output Type	25 Pairs Gold Finger Connector	
Certification	UL/cUL/CB/BSMI/CE/CCC Titanium Level Test Report	
Operating Environment		
RoHS	- RoHS Compliant - Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) - Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)	
Environmental Spec.	- 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-2029u-e1cr4t-2u-dp-24xsff-4x10gbe-red-psu-p-3262.html>