

Supermicro SuperServer SYS-6029U-E1CRT 2U DP 12xLFF 2x10GbE RED PSU

Kod producenta: SYS-6029U-E1CRT



Category	Virtualization Hyperconverge Storage
Order option	Complete System
Chassis Form Factor	Rack 2U
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	2
Supported CPU's	Intel Xeon Scalable 2nd Gen Intel Xeon Scalable 1st Gen
Max CPU TDP	205 W
Chipset	C621
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM
Memory Speed	2933 MHz 2666 MHz 2400 MHz 2133 MHz
# of DIMM's	24
Max Memory Size	6 TB
Integrated GPU	ASPEED AST2500
# of 3.5 hot-swap bays	12
Backplanes	SAS3/SATA3
# of PCIe x16 3.0	1
# of PCIe x8 3.0	7
# of USB Ports	3 x USB 3.0
Storage interface	Native SATA
# of SATA DOM power	2
Storage Controllers	Intel C621
Integrated RAID	0 1 5 10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 10GbE Ports	2 x RJ45
Network Controllers	Intel X540
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 10-pin Header
Power Supply	Redundant
PSU Wattage	1000 W
PSU Certification	80+ Titanium

Chassis Dimensions 89 x 437 x 723 mm

Product SKUs

SYS-6029U-E1CRT • SuperServer 6029U-E1CRT (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) with RAID 0, 1, 5, 10
Network Connectivity: 2 10GBase-T ports via AOC-2UR68-I2XT (Intel X540), 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: 12 SAS3 ports via expander and AOC
LAN: 2 RJ45 10GBase-T Ethernet LAN ports, 1 RJ45 Dedicated IPMI LAN port
USB: 3 USB 3.0 ports (2 rear, 1 Type A)
Video: 2 VGA ports (1 rear, 1 onboard)
Serial Port / 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, 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: 2U Rackmount
Model: CSE-829U2E1C4-R1K02-T

Dimensions and Weight

Width: 17.2" (437mm)
Height: 3.5" (89mm)
Depth: 28.46" (723mm)
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
LEDs: Network activity LEDs, System information (overheat/UID) LED

Expansion Slots

1 PCI-E 3.0 x16 (FH, 10.5" L)
5 PCI-E 3.0 x8 (FH, 10.5" L)
1 PCI-E 3.0 x8 (LP)
1 PCI-E 3.0 x8 (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

12 Hot-swap 3.5" drive bays
12 SAS3 via opt. AOC (4 hybrid ports - opt. 4 NVMe)
Note: Storage Add-on card is required

Backplane

2U SAS/SATA backplane

System Cooling

Fans: 4 Heavy duty 8cm PWM fans

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
+12V: Max: 66.7A / Min: 0A (100-127Vac), Max: 83A / Min: 0A (200-240Vac)
12Vsb: Max: 2.1A / Min: 0A
Output Type: 25 Pairs Gold Finger Connector

Certification

UL/cUL/CB/BSM/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)

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-6029u-e1crt-2u-dp-12x1ff-2x10gbe-red-psu-p-3272.html>