

Supermicro SuperServer SYS-F629P3-RC1B 4U FatTwin^2 DP 4x8LFF LSI 3108 RED PSU

Kod producenta: SYS-F629P3-RC1B



Chassis Form Factor	Rack 4U
# of systems (nodes)	4
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets (per node)	2
Supported CPU's	Intel Xeon Scalable 1st Gen Intel Xeon Scalable 2nd Gen
Max CPU TDP	165 W
Chipset	Intel C621
Memory Type	DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2933 MHz 2666 MHz 2400 MHz 2133 MHz
# of DIMM's (per node)	12
# of PCIe x16 3.0 (per node)	1
I/O expansion modules (per node)	1 x SIOM
Storage Controllers	Broadcom 3108 HW RAID
Network Controllers	SIOM Networking AOC Matrix
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
Power Supply	Redundant 3+1
PSU Wattage	1200 W
PSU Certification	80+ Titanium
Chassis Dimensions	448 x 177 x 737 mm
Uwagi	2xNVMe U.2 option

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

UWAGA !!!
*Oferowany produkt to platforma serwerowa służąca do budowy swojej własnej konfiguracji serwera (nie zawiera CPU, RAM czy HDD).
Jeżeli potrzebujesz kupić gotowy serwer wraz z CPU, RAM, HDD/SDD oraz innymi opcjami koniecznie wyślij do nas zapytanie. Posiadamy najlepsze ceny i dostępność na pełne konfiguracje. Zapewniamy pełne wsparcie techniczne do zakupionych u nas serwerów.*

Product SKUs

SYS-F629P3-RC1B • SuperServer F629P3-RC1B (Black)

Motherboard

Super X11DPFR-SN

Processor/Cache

CPU	- Dual Socket P (LGA 3647) - Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/s - Support CPU TDP 70-165W with IVR
Cores	Up to 28 Cores with Intel® HT Technology

System Memory

Memory Capacity	12 DIMM slots - Up to 1.5TB ECC 3DS LRDIMM, 1.5TB ECC RDIMM, DDR4 up to 2666MHz
Memory Type	2666/2400/2133MHz ECC DDR4 SDRAM

On-Board Devices

Chipset	Intel® C621 chipset
SAS	- SAS3 (12Gbps) via Broadcom 3108 - HW RAID
Network Controllers	- Flexible networking via SIOM - 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 (per node)

SAS	8 SAS3 (12Gbps) ports
NVMe	2 NVMe U.2 optional
LAN	- SIOM flexible Network card 1 RJ45 Dedicated IPMI LAN port
USB	2 USB 3.0 ports (rear)
VGA	1 VGA port

System BIOS

BIOS Type	128Mb SPI Flash EEPROM with AMI BIOS
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Management

Software	- Intel® Node Manager IPMI 2.0 - KVM with dedicated LAN SuperDoctor® 5 - Watch Dog
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	4U Rackmount
Model	CSE-F424AS2-R1K23BP

Dimensions and Weight

Width	17.63" (448mm)
Height	6.96" (177mm)
Depth	29" (737mm)
Package	28.3" (W) x 15.0" (H) x 42.4" (D)
Weight	- Net Weight: 150 lbs (68.04 kg) - Gross Weight: 200 lbs (90.71 kg)
Available Colors	Black

Front Panel

Buttons	- Power On/Off button - UID button - Power status LED - Hard drive activity LED
LEDs	- Network activity LEDs - Information LED (UID, Fan failure, Overheat)

Expansion Slots (per node)

PCI-Express	1 PCI-E 3.0 x16 (Low-profile) 1 PCI-E 3.0 x16 (SIOM)
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Drive Bays (per node)

Hot-swap	8 Hot-swap 3.5" SAS3/SATA3 or 6 Hot-swap 3.5" SAS3/SATA3 + 2 optional NVMe U.2
M.2	M.2 Support

Backplane

1 SAS/SATA backplane

System Cooling (per node)

Fans	2x 8cm 14 RPM middle fans
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Power Supply (76mm Width)

1200W Redundant Power Supplies with PMBus	
Total Output Power	• 1000W/1200W
Dimension (W x H x L)	• 76 x 40 x 336 mm
Input	• 100-127Vac / 15-12A / 50-60Hz • 200-240Vac / 8.5-7A / 50-60Hz
+12V	• Max: 83A / Min: 0A (100-127Vac) • Max: 100A / Min: 0A (200-240Vac)
+5Vsb	• Max: 4A / Min: 0A
Output Type	• 19 Pairs Gold Finger Connector



Certification	- UL/cUL/CB/BSMI/CE/CCC Titanium Level [Test Report]
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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-f629p3-rc1b-4u-fattwin2-dp-4x8lff-lsi-3108-red-psu-p-3435.html>