

Supermicro SuperServer SYS-F628R3-RC0BPT+ 4U FatTwin^2 DP 4x6+2LFF LSI 3008 RED PSU

Kod producenta: SYS-F628R3-RC0BPT+

Chassis Form Factor	Rack 4U
# of systems (nodes)	4
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets (per node)	2
Supported CPU's	Intel Xeon E5-2600v4 Intel Xeon E5-2600v3
Max CPU TDP	145 W
Chipset	Intel C612 Wellsburg
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2400 MHz 2133 MHz 1866 MHz 1600 MHz
# of DIMM's (per node)	16
Max Memory Size (per node)	2048 GB
Integrated GPU	Aspeed AST2400
# of 3.5 hot-swap bays (per node)	8
Backplanes	SAS/SATA
# of PCIe x16 3.0 (per node)	1
# of USB Ports (per node)	2 x USB 3.0 (rear)
# of SATA Ports (per node)	10
# of SAS Ports (per node)	8
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s LSI 3008 12Gb/s
Integrated RAID	0,1,5,10
Hardware RAID	0,1,10
# of Serial Ports (per node)	1 x Fast UART 16550 (header)
# of 10GbE Ports (per node)	2 x RJ45
Network Controllers	Intel x540 Dual Port 10 Gigabit Base-T
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Power Supply	Redundant
PSU Wattage	920W
PSU Certification	80+ Platinum
Chassis Dimensions	448 x 177 x 737mm
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x16 (LP) + 1x Micro LP

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs	
SYS-F628R3-RC0BPT+ • SuperServer F628R3-RC0BPT+ (Black)	
Motherboard	
Super X10DRFR-NT	
Processor/Cache	
CPU	• Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP) * • Dual Socket R3 (LGA 2011)
Cores / Cache	• Up to 22 Cores / Up to 55MB Cache
System Bus	• QPI up to 9.6 GT/s
Note	* BIOS version 2.0 or above is required
Note	* Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.
System Memory	
Memory Capacity	• 16x 288-pin DDR4 DIMM slots • Up to 2TB ECC 3DS LRDIMM, 1TB ECC RDIMM
Memory Type	• 2400 /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit
DIMM Sizes	• RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB
Memory Voltage	• 3DS LRDIMM: 128GB
Error Detection	• 1.2 V • Corrects single-bit errors
On-Board Devices	
Chipset	• Intel® C612 chipset
SAS	• SAS 3.0 (12Gbps) via LSI 3008 • HBA/SW RAID 0, 1, 10 support
SATA	• SATA 3.0 (6Gbps) w/ RAID 0, 1, 5, 10 • Support for Intelligent Platform Management Interface v.2.0
IPMI	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC
Network Controllers	• Intel® X540 Dual Port 10GBase-T • Virtual Machine Device Queues reduce I/O overhead • Supports 10GBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8201N PHY (dedicated IPMI)
Graphics	• ASPEED AST2400
Input / Output (per node)	
SAS	• 8x SAS3 (12Gbps) ports
LAN	• 2x RJ45 10GBase-T LAN ports • 1x RJ45 Dedicated IPMI LAN port
USB	• 2x USB 3.0 ports
VGA	• 1x VGA port
Management	
Software	• SuperDoctor® 5 • Watch Dog • NMI • IPMI 2.0 • SUM and SSM
Power Configurations	• ACPI / APM Power Management • Power-on mode for AC power recovery

Chassis	
Form Factor	• 4U Rackmount
Model	• CSE-F424AS-R1K28B
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: 105 lbs (47.63 kg) • Gross Weight: 150 lbs (68.04 kg)
Available Colors	• Black
Front Panel	
Buttons	• Power On/Off button • UID button • Power status LED • Hard drive activity LED
LEDs	• 2x Network activity LEDs • Information LED (UID, Fan failure, Overheat)
Expansion Slots (per node)	
PCI-Express	• 1 PCI-E 3.0 x16 (LP) + 1 Micro LP • MicroLP Adapter Matrix (Networking options)
Drive Bays (per node)	
Hot-swap	• (6+2) 3.5" Hot-swap SAS3 HDD trays
Backplane	
	• 1x SAS/SATA backplane • 1x SAS/SATA/NVMe hybrid (2 slots)
System Cooling (per node)	
Fans	• 2x 8cm 11k RPM middle fans
Power Supply	
	1280W Redundant High-efficiency Digital Power Supplies w/ PMBus 1.2
AC Input	• 1000W Output @ 100-140V, 8-12A, 50-60Hz • 1280W Output @ 180-240V, 6-8A, 50-60Hz
DC Output	• 1000W: +12V/83A; +5Vsb/4A • 1280W: +12V/106.7A, +5Vsb/4A
Certification	Platinum Certified [Test Report]
System BIOS	
BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS • Plug and Play (PnP) • APM 1.2 • PCI 2.2
BIOS Features	• ACPI 1.0 / 2.0 • USB Keyboard support • SMBIOS 2.3 • UEFI
Operating Environment / Compliance	
RoHS	• RoHS Compliant • Operating Temperature: 10°C to 35°C (50°F to 95°F) • Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)
Environmental Spec.	• Operating Relative Humidity: 8% to 90% (non-condensing) • Non-operating Relative Humidity: 5% to 95% (non-condensing)

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.

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-superserver-sys-f628r3-rc0bpt-4u-fattwin2-dp-4x62lff-lsi-3008-red-psu-p-1970.html>

