


Supermicro SuperServer SYS-F628R3-R72B+ 4U FatTwin^2 DP 4x8LFF RED PSU

Kod producenta: SYS-F628R3-R72B+

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	SAS2/SATA3
# of PCIe x16 3.0 (per node)	1
# of PCIe x8 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 2208 6Gb/s
Integrated RAID	0,1,5,10
Hardware RAID	0,1,5,6,10,50,60
# of Serial Ports (per node)	1 x Fast UART 16550 (header)
# of 1GbE Ports (per node)	2 x RJ45
Network Controllers	Intel i350 Dual Port Gigabit Ethernet
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	1280W
PSU Certification	80+ Platinum
Chassis Dimensions	448 x 177 x 737mm
Uwagi	PCI-Express Slots Configuration: 1xMicro Low Profile PCI-E 3.0 x8 slot



Product SKUs	SYS-F628R3-R72B+ • SuperServer F628R3-R72B+ (Black)	Chassis	Form Factor • 4U Rackmount Model • CSE-F424AS-R1K28BP
Motherboard		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
Super X10DRFR		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)
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 * Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.	Expansion Slots (per node)	• 1 PCI-E 3.0 x16 (LP) + 1 Micro LP PCI-Express • MicroLP Adapter Matrix (Networking options)
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 • RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB DIMM Sizes • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB Memory Voltage • 1.2 V Error Detection • Corrects single-bit errors	Drive Bays (per node)	Hot-swap • (6+2) 3.5" Hot-swap SAS/SATA HDD trays
On-Board Devices	Chipset • Intel® C612 chipset SATA • SATA3 (6Gbps) with RAID 0, 1, 5, 10 SAS • SAS2 via LSI 2208 (1GB cache) • HW RAID 0, 1, 5, 6, 10, 50, 60 support • 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 • Intel® i350-AM2 Dual Port Gigabit Ethernet • Virtual Machine Device Queues reduce I/O overhead Network Controllers • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8201N PHY (dedicated IPMI) Graphics • ASPEED AST2400 BMC	Backplane	1x SAS/SATA backplane
		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
Input / Output (per node)	Serial ATA • 10x SATA3 (6Gbps) ports SAS • 8x SAS2 (6Gbps) ports LAN • 2x RJ45 Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port USB • 2x USB 3.0 ports VGA • 1x VGA port	Certification	 Platinum Certified [Test Report]
Management	• SuperDoctor® 5 • Watch Dog • NMI • IPMI 2.0 • SUM and SSM	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
Software	• ACPI / APM Power Management • Power-on mode for AC power recovery	Operating Environment / Compliance	RoHS • RoHS Compliant • Operating Temperature: 5°C to 40°C (41°F to 104°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)

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-superserver-sys-f628r3-r72b-4u-fattwin2-dp-4x8lff-red-psu-p-1020.html>