

Supermicro SuperServer SYS-F618R2-R72PT+ 4U FatTwin^4 DP 8x6SFF RED PSU

Kod producenta: SYS-F618R2-R72PT+

Chassis Form Factor	Rack 4U
# of systems (nodes)	8
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets (per node)	2
Supported CPU's	Intel Xeon E5-2600v3
Max CPU TDP	145 W
Chipset	Intel C612 Wellsburg
Memory Type	DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2133 MHz 1866 MHz 1600 MHz
# of DIMM's (per node)	16
Max Memory Size (per node)	1024 GB
Integrated GPU	Aspeed AST2400
# of 2.5 hot-swap bays (per node)	6
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 2.0 (rear) 1 x USB 2.0 Type A
# 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 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	1620W
PSU Certification	80+ Platinum
Chassis Dimensions	448 x 177 x 737mm
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x16 Low-profile 1xMicro Low Profile PCI-E 3.0 x8 slot MicroLP Adapter Matrix (Networking options)

Product SKUs		Chassis	
SYS-F618R2-R72PT+ • SuperServer F618R2-R72PT+ (Black)		Form Factor • 4U Rackmount	
Motherboard		Model • CSE-F418BC-R1K62BP	
Super X10DRFR-NT		Dimensions and Weight	
Processor/Cache		Width • 17.63" (448mm)	
CPU • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP) * • Dual Socket R3 (LGA 2011)		Height • 6.96" (177mm)	
Cores / Cache • Up to 22 Cores* / Up to 55MB* Cache		Depth • 29" (737mm)	
System Bus • QPI up to 9.6 GT/s		Package • 28.3" (W) x 15.0" (H) x 42.4" (D)	
Note [†] BIOS version 2.0 or above is required		Weight • Net Weight: 150 lbs (68.04 kg) • Gross Weight: 200 lbs (90.71 kg)	
Note • * Please contact Supermicro Technical Support for additional information about frequency optimized CPUs and specialized system optimization.		Available Colors • Black	
System Memory		Front Panel	
Memory Capacity • 16x 288-pin DDR4 DIMM slots • Up to 2TB* ECC 3DS LRDIMM, 1TB ECC RDIMM		Buttons • Power On/Off button • UID button • Power status LED • Hard drive activity LED	
Memory Type • 2400*/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit		LEDs • 2x Network activity LEDs • Information LED (UID, Fan failure, Overheat)	
DIMM Sizes • RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB		Expansion Slots (per node)	
Memory Voltage • 1.2 V		• 1x PCI-E 3.0 x16 Low-profile	
Error Detection • Corrects single-bit errors		• 1x PCI-E 3.0 x8 (Micro LP)	
On-Board Devices		PCI-Express • MicroLP Adapter Matrix (Networking options)	
Chipset • Intel® C612 chipset		Drive Bays (per node)	
SATA • SATA3 (6Gbps) with RAID 0, 1, 5, 10		Hot-swap • 6x 2.5" Hot-swap SAS2/SATA3 HDD trays	
SAS • SAS2 via LSI 2208 (1GB cache) • HW RAID 0, 1, 5, 6, 10, 50, 60 support		Backplane	
IPMI • Support for Intelligent Platform Management Interface v.2.0 • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC		1x SAS/SATA backplane	
Network Controllers • Intel® X540 Dual Port 10GBase-T • Virtual Machine Device Queues reduce I/O overhead • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8201N PHY (dedicated IPMI)		System Cooling (per node)	
Graphics • ASPEED AST2400 BMC		Fans • 3x 4cm 14k RPM middle fans	
Input / Output (per node)		Power Supply	
Serial ATA • 10x SATA3 (6Gbps) ports		1620W high-efficiency redundant power supply w/ PMBus	
SAS • 8x SAS2 (6Gbps) ports		• 1000W Output @ 100-120V, 12-10A, 50-60Hz	
LAN • 2x RJ45 10GBase-T ports • 1x RJ45 Dedicated IPMI LAN port		• 1200W Output @ 120-140V, 12-10A, 50-60Hz	
USB • 2x USB 3.0 ports		• 1620W Output @ 180-240V, 10.5-8A, 50-60Hz	
VGA • 1x VGA port		• 1000W: +12V/84A; +5Vsb/4A • 1200W: +12V/100A; +5Vsb/4A • 1620W: +12V/150A; +5Vsb/4A	
Management		Certification  Platinum Certified [Test Report]	
Software • SuperDoctor® 5 • Watch Dog • NMI • IPMI 2.0 • SUM and SSM		System BIOS	
Power Configurations • ACPI / APM Power Management • Power-on mode for AC power recovery		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	
		Environmental Spec. • 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) • 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-f618r2-r72pt-4u-fattwin4-dp-8x6sff-red-psu-p-1026.html>