

Supermicro SuperServer SYS-F618R2-FC0 4U FatTwin^4 DP 8x2SFF RED PSU

Kod producenta: SYS-F618R2-FC0



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)	8
Max Memory Size (per node)	512 GB
Integrated GPU	Aspeed AST2400
# of 2.5 hot-swap bays (per node)	2
Backplanes	SAS3/SATA3
# 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
Hardware RAID	0,1,10
# of Serial Ports (per node)	1 x Fast UART 16550 (header)
# of 1GbE Ports (per node)	2 x RJ45
Network Controllers	Dual Intel i210 Single 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	1620W
PSU Certification	80+ Platinum
Chassis Dimensions	448 x 177 x 737mm

Product SKUs		Chassis		
SYS-F618R2-FC0 • SuperServer F618R2-FC0 (Black)		Form Factor • 4U Rackmount		
Motherboard		Model • CSE-F418IL-R1K62BP		
Super X10DRFF-C		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)	
		Depth	• 29" (737mm)	
		Package	• 28.3" (W) x 15.0" (H) x 42.4" (D)	
Cores / Cache	• Up to 22 Cores [†] / Up to 55MB [†] Cache	Weight	• Net Weight: 150 lbs (68.04 kg) • Gross Weight: 200 lbs (90.71 kg)	
System Bus	• QPI up to 9.6 GT/s	Available Colors	• Black	
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		Front Panel		
Memory Capacity	• 8x 288-pin DDR4 DIMM slots • Up to 1TB [†] ECC 3DS LRDIMM, 512GB ECC RDIMM	Buttons	• Power On/Off button • UID button	
		LEDs	• Power status LED • 2x Network activity LEDs	
Memory Type	• 2400 [†] /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	Expansion Slots (per node)		
DIMM Sizes	• RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB	PCI-Express	• 1x PCI-E 3.0 x16 Low-profile via riser card	
	• LRDIMM: 64GB, 32GB	Drive Bays (per node)		
	• 3DS LRDIMM: 128GB	Hot-swap	• 2x 2.5" Hot-swap SAS3 HDD trays	
Memory Voltage	• 1.2 V	System Cooling		
Error Detection	• Corrects single-bit errors	Fans	• 8x 8cm 9.5K RPM Rear Fans	
On-Board Devices		Power Supply		
Chipset	• Intel® C612 chipset • SAS3 (12Gbps) via LSI 3008 • SW RAID 0, 1, 10 support • 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 • Dual Intel® i210 Single Port Gigabit Ethernet • Virtual Machine Device Queues reduce I/O overhead • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8211E PHY (dedicated IPMI) • ASPEED AST2400 BMC	1620W high-efficiency redundant power supply w/ PMBus		
SAS		AC Input	• 1000W Output @ 100-120V, 12-10A, 50-60Hz	
IPMI			• 1200W Output @ 120-140V, 12-10A, 50-60Hz	
Network Controllers		DC Output	• 1620W Output @ 180-240V, 10.5-8A, 50-60Hz	
			• 1000W: +12V/84A; +5Vsb/4A	
			• 1200W: +12V/100A; +5Vsb/4A	
Graphics		Certification	• 1620W: +12V/150A; +5Vsb/4A	
			 Platinum Certified [Test Report]	
Input / Output (per node)		System BIOS		
SAS		• 2x SAS3 (12Gbps) ports	BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS
LAN	• 2x RJ45 Gigabit Ethernet LAN ports	BIOS Features	• Plug and Play (PnP)	
USB	• 1x RJ45 Dedicated IPMI LAN port		• APM 1.2	
VGA	• 2x USB 3.0 ports	Operating Environment / Compliance	• PCI 2.3	
	• 1x VGA port		• ACPI 1.0 / 2.0 / 3.0 / 4.0	
		RoHS	• USB Keyboard support	
			• SMBIOS 2.7.1	
		Environmental Spec.	• UEFI 2.3.1	
			• 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)	

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<https://www.superstorage.pl/supermicro-superserver-sys-f618r2-fc0-4u-fattwin4-dp-8x2sff-red-psu-p-1028.html>