

Supermicro SuperServer SYS-F618R3-FT+ 4U FatTwin^4 DP 8x2LFF RED PSU

Kod producenta: SYS-F618R3-FT+

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 E5-2600v4 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 fixed bays (per node)	2
# of PCIe x8 3.0 (per node)	1
# of PCIe x4 2.0	1
# of USB Ports (per node)	2 x USB 3.0 (rear)
# of SATA Ports (per node)	10
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s
Integrated RAID	0,1,5,10
# 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	2000W
PSU Certification	80+ Titanium
Chassis Dimensions	448 x 177 x 737mm
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x8 slot 1x PCI-E 2.0 x4 slot 2x PCI-E 3.0 x8 slots (optional)

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

 SYS-F618R3-FT+ • SuperServer F618R3-FT+ (**Black**)

Motherboard



[Super X10DRFF-IG](#)

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
 - 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

On-Board Devices



- Chipset
- Intel® C612 chipset
- SATA
- SATA3 (6Gbps) with 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
 - Intel® i350 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 RTL8211E PHY (dedicated IPMI)
 - ASPEED AST2400 BMC
- Graphics

Input / Output (per node)



- SATA
- 10x SATA3 (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



Chassis



- Form Factor
- 4U Rackmount
- Model
- **CSE-F4181F2-R2K04B**

Dimensions and Weight



- Width
- 17.63" (448mm)
- Height
- 6.96" (177mm)
- Depth
- 29" (737mm)
- Package
- 28.35" (W) x 14.95" (H) x 42.38" (D)
- Weight
- Net Weight: 150 lbs (68.04 kg)
 - Gross Weight: 200 lbs (90.72 kg)
- Available Colors
- Black

Front Panel



- Buttons
- Power On/Off button
 - UID button
- LEDs
- Power status LED
 - 2x Network activity LEDs

Expansion Slots (per node)



- PCI-Express
- 1x PCI-E 3.0 x8, 1x PCI-E 2.0 x4, or 2x PCI-E 3.0 x8 (optional)

Drive Bays (per node)



- Fixed
- 2x 3.5" fixed drives

System Cooling



- Fans
- 8x 8cm 9.5k RPM Rear fans

Power Supply with Digital Switching Control
2000W Titanium Level (96%) High-efficiency
Redundant Power Supplies

- Total Output Power
- 1000W/1800W/1980W/2000W

- AC Input
- 100-127 V, 50-60 Hz
 - 200-220 V, 50-60 Hz
 - 220-230 V, 50-60 Hz
 - 230-240 V, 50-60 Hz
 - Max: 83.3A & Min: 0A (100Vac-127Vac)
 - Max: 150A & Min: 0A (200Vac-220Vac)
 - Max: 165A & Min: 0A (220Vac-230Vac)
 - Max: 166.7A & Min: 0A (230Vac-240Vac)
- +12V
- Max: 1A / Min: 0A
- 5V SB
- Max: 1A / Min: 0A

- Certification
-   **Titanium Level**
[[Test Report](#)]

System BIOS



- BIOS Type
- 128Mb SPI Flash EEPROM with AMI BIOS
 - Plug and Play (PnP)
 - APM 1.2
 - PCI 2.3
- BIOS Features
- ACPI 1.0 / 2.0 / 3.0 / 4.0
 - USB Keyboard support
 - SMBIOS 2.7.1
 - UEFI 2.3.1

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)

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-f618r3-ft-4u-fattwin4-dp-8x2lff-red-psu-p-1974.html>