

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

Kod producenta: SYS-F618R3-FTPT+

| | |
|--------------------------------|--|
| 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 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 | 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-FTPT+ • SuperServer F618R3-FTPT+ (**Black**)

Motherboard

Super X10DRFF-ITG

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® X540 Dual Port 10GBase-T
• Virtual Machine Device Queues reduce I/O overhead
- Network Controllers • Supports 10GBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
• 1x Realtek RTL8211E PHY (dedicated IPMI)
- Graphics • ASPEED AST2400 BMC

Input / Output (per node)

- SATA • 10x SATA3 (6Gbps) ports
- LAN • 2x RJ45 10GBase-T 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-F418IF2-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

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
• 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-f618r3-ftpt-4u-fattwin4-dp-8x2lff-red-psu-p-1973.html>