

# Supermicro SuperServer SYS-F619P2-RTN 4U FatTwin^4 DP 8x6SFF RED PSU

Kod producenta: SYS-F619P2-RTN



Chassis Form Factor	Rack 4U
# of systems (nodes)	8
CPU Socket	LGA 3647 (Socket P)
# of CPU's (per node)	2
Supported CPU's	Intel Xeon Scalable Processors
Max CPU TDP	165 W
Chipset	Intel C621
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC RDIMM
Memory Frequency	2666 MHz 2400 MHz 2133 MHz
# of DIMM's (per node)	12
Max Memory Size (per node)	1536 GB
Integrated Graphics	Aspeed AST2500
# of 2.5 hot-swap bays (per node)	6
Backplanes	SAS/SATA
# of PCIe x16 3.0 (per node)	2
# of USB Ports (per node)	2 x USB 3.0 (rear)
# of SATA Ports (per node)	12
Storage Controllers	8 x AHCI iSATA 6Gb/s 2 x sSATA 6Gb/s
Integrated RAID	0,1,5,10
Network Controllers	SIOM Networking AOC Matrix
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2500
Power Supply	Redundant
PSU Wattage	2200W
PSU Certification	80+ Titanium
Chassis Dimensions	448 x 177 x 737mm

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

**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.*

## Product SKUs

SYS-F619P2-RTN • SuperServer F619P2-RTN (Black)

## Motherboard

### Super X11DPFR-SN

## Processor/Cache

- CPU
- Dual Socket P (LGA 3647)
  - Intel® Xeon® Scalable Processors, Dual UPI up to 10.4GT/s
  - Support CPU TDP 70-165W with IVR
- Cores
- Up to 28 Cores with Intel® HT Technology

## System Memory

- Memory Capacity
- 12 DIMM slots
  - Up to 1.5TB ECC 3DS LRDIMM, 1.5TB ECC RDIMM, DDR4 up to 2666MHz
- Memory Type
- 2666/2400/2133MHz ECC DDR4 SDRAM

## On-Board Devices

- Chipset
- Intel® C621 chipset
- SATA
- SATA3 (6Gbps); RAID 0, 1, 5, 10
- Network Controllers
- Flexible networking via [SIOM](#)
  - Support for Intelligent Platform Management Interface v.2.0
  - IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
- IPMI
- ASPEED AST2500 BMC
- Graphics

## Input / Output (per node)

- SATA
- 14 SATA3 (6Gbps) ports
- NVMe
- 4 NVMe U.2 option
- LAN
- SIOM flexible Network card
  - 1 RJ45 Dedicated IPMI LAN port
- USB
- 2 USB 3.0 ports (rear)
- VGA
- 1 VGA port

## System BIOS

- BIOS Type
- 128Mb SPI Flash EEPROM with AMI BIOS

## Management

- Intel® Node Manager
  - [IPMI 2.0](#)
  - KVM with dedicated LAN
  - [SuperDoctor® 5](#)
  - Watch Dog
- Power Configurations
- ACPI Power Management

## PC Health Monitoring

- CPU
- Monitors for CPU Cores, Chipset Voltages, Memory.
  - 4+1 Phase-switching voltage regulator
  - Fans with tachometer monitoring
- FAN
- Status monitor for speed control
  - Pulse Width Modulated (PWM) fan connectors
- Temperature
- Monitoring for CPU and chassis environment
  - Thermal Control for fan connectors

## Chassis

- Form Factor
- 4U Rackmount
- Model
- **CSE-F418BC2-R2K20BP**

## 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)
  - Net Weight: 150 lbs (68.04 kg)
  - Gross Weight: 200 lbs (90.71 kg)
- Weight
- Black

## Front Panel

- Buttons
- Power On/Off button
  - UID button
  - Power status LED
  - Hard drive activity LED
  - Network activity LEDs
  - Information LED (UID, Fan failure, Overheat)
- LEDs

## Expansion Slots (per node)

- PCI-Express
- 1 PCI-E 3.0 x16 (Low-profile)
  - 1 PCI-E 3.0 x16 (SIOM)

## Drive Bays (per node)

- Hot-swap
- 6 Hot-swap 2.5" SATA3 or 2 Hot-swap 2.5" SATA3 + 4 NVMe U.2
- M.2
- M.2 Support

## Backplane

- 1 SAS/SATA backplane

## System Cooling (per node)

- Fans
- 3x 4cm 20k RPM middle fans

## Power Supply

- 2200W Redundant Power Supplies with PMBus
- 1200W with Input 100-127Vac
  - 1800W with Input 200-220Vac
  - 1980W with Input 220-230Vac
  - 2090W with Input 230-240Vac
  - 2200W with Input 220-240Vac (for UL/cUL use only)
  - 2090W with Input 230-240Vdc (for CCC only)
- Total Output Power and Input

## AC Input

- Frequency
- 50-60Hz
- Dimension (W x H x L)
- 76 x 40 x 336 mm
- +12V
- Max: 100A / Min: 0A (100-127Vac)
  - Max: 150A / Min: 0A (200-220Vac)
  - Max: 165A / Min: 0A (220-230Vac)
  - Max: 174.17A / Min: 0A (230-240Vac)
  - Max: 183.3A / Min: 0A (220-240Vac)
- 5VSB
- Max: 1A / Min: 0A
- Output Type
- Backplanes (gold finger)



Certification UL/cUL/CB/BSMI/CE/CCC

**Titanium Level**  
[ Cert. in progress ]

## Operating Environment

- RoHS
- RoHS Compliant
  - Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)
  - Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
- Environmental Spec.
- Operating Relative Humidity: 8% to 90% (non-condensing)
  - Non-operating Relative Humidity: 5% to 95% (non-condensing)

Strona firmowa produktu: [http://www.superstorage.pl/product\\_info.php?products\\_id=3429](http://www.superstorage.pl/product_info.php?products_id=3429)