

# FatTwin SuperServer SYS-F610P2-RTN



More details here

## Key Applications

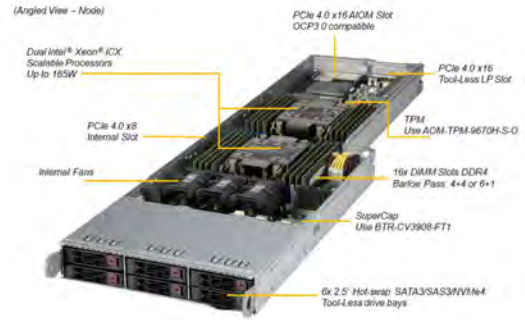
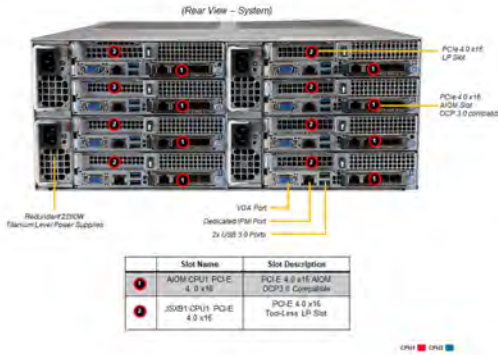
Hyperscale / Hyperconverged, HPC and Big Data, Data Center Enterprise Applications, Scale-Out Storage, Virtualization Server, Telco Data Center,

## Key Features

- Socket P+(LGA 4189) Supports 3rd Generation Intel® Scalable Processors (Dual Socket);
- Two M.2 Internal Drives; 16 DIMMs Supports up to 4TB Intel® Optane Persistent Memory 200 Series; up to 2TB DDR 4-3200 ;
- NVMe/SATA/SAS options; Network Connectivity Via AIOM (OCP 3.0 Compliant) ;
- AIOM and M.2 support; 1 AIOM card support (PCIe 4.0);
- Up to 6x SAS/SATA/NVMe Hot Swap 2.5" Drives; Front access node for better serviceability; 6x 2.5" hot-swap HDDs per node;



|                  |   |
|------------------|---|
| Form Factor      | 4U Rackmount<br>Enclosure: 448 x 177 x 737mm (17.63" x 6.96" x 29")<br>Package: (28.3" x 15" x 42.4")   |
| Processor        | 3rd Gen Intel® Xeon® Scalable processors<br>Dual Socket LGA-4189 (Socket P+) supported<br>TDP up to 185W; 3 UPI   |
| System Memory    | 16 DIMM slots<br>Up to 4TB Intel® Optane™ Persistent Memory, DDR4-3200MHz<br>Up to 2TB RDIMM/LRDIMM, DDR4-3200MHz   |
| Drive Bays       | 6x 2.5" hot-swap NVMe/SATA/SAS drive bays (6x 2.5" NVMe hybrid)<br>6x 2.5" 7mm drive bays   |
| Expansion Slots  | 1 PCIe 4.0 x8 LP slot(s)  |
| On-Board Devices | Chipset: Intel® C621A<br>Network Connectivity: 1x 1GbE RJ45 (BMC)<br>IPMI: Support for Intelligent Platform Management Interface v.2.0<br>IPMI 2.0 with virtual media over LAN and KVM-over-LAN support |
| Input / Output   | SATA: 14 SATA (6Gbps) port(s)<br>NVMe: 6 NVMe U.2 options<br>LAN: 1 RJ45 Dedicated IPMI LAN port<br>USB: 2 USB 3.0 port(s) (2 rear)<br>Video: 1 VGA port(s)   |



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|-----------------------|--|
| System Cooling        | 3x 4cm heavy duty fan(s)   |
| Power Supply          | 1U 2200W Titanium Redundant Power Supply W/PMbus<br>Dimension (W x H x L): 76 x 40 x 336 mm<br>Output Type: Gold Finger Connector  |
| System BIOS           | BIOS Type: AMI 32MB SPI FLASH ROM  |
| Management            | SuperDoctor® 5; Watch Dog; SUM; IPMI 2.0; KVM with dedicated LAN; SPM; Intel® Node Manager; SSM  |
| PC Health Monitoring  | CPU: 4+1 Phase-switching voltage regulator<br>Monitors for CPU Cores, Chipset Voltages, Memory.<br>FAN: Fans with tachometer monitoring<br>Status monitor for speed control<br>Pulse Width Modulated (PWM) fan connectors<br>Temperature: Monitoring for CPU and chassis environment |
| Dimensions and Weight | Height: 6.96" (177 mm)<br>Width: 17.63" (448 mm)<br>Depth: 29" (737 mm)<br>Gross Weight: 200 lbs (90.71 kg)<br>Net Weight: 150 lbs (68.04 kg)<br>Packaging: 15" x 28.3" x 42.4"<br>Available Color: Black  |
| Operating Environment | Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)<br>Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)<br>Operating Relative Humidity: 5% to 95% (8)<br>Non-operating Relative Humidity: 90% to 5% (95)   |
| Motherboard           | <a href="#">Super X12DPFR-AN6</a>  |
| Chassis               | CSE-F418BC3-R2K20BP  |