

# FatTwin SuperServer SYS-F620P3-RTBN

4U 4-node FatTwin with 8 3.5" SAS/SATA (optional 6 NVMe) per node



More details here

## Key Applications

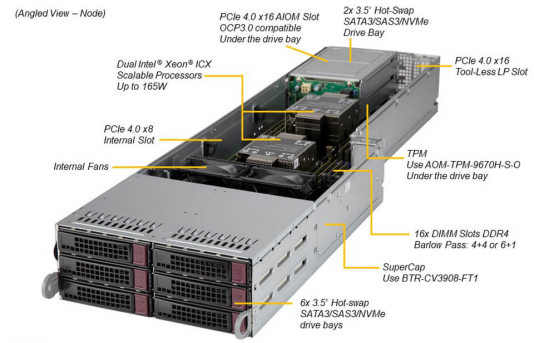
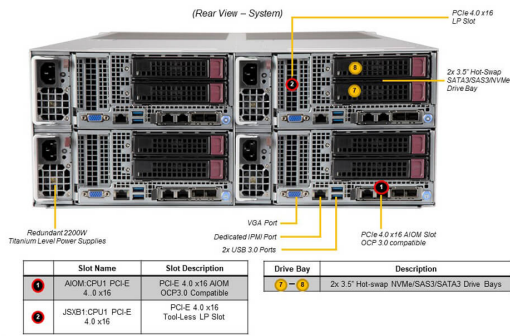
Hyperscale / Hyperconverged, HPC and Big Data, Data Center Enterprise Applications, High Capacity and Ultra Dense Storage, Virtualization Server (VSAN), Telco Data Center,

## Key Features

- Four **hot-pluggable** systems (nodes) in a 4U form factor. Each node supports the following;
- Socket P+(LGA 4189) Supports 3rd Generation Intel® Scalable Processors (Dual Socket);
- Two M.2 Internal Drives;
- NVMe/SATA/SAS options;
- AIOM and M.2 support; 1 AIOM card support (PCIe 4.0);
- Front access node for better serviceability; 8x 3.5" hot-swap HDDs per node  
Up to 8x SAS/SATA Hot Swap 3.5" Drives, or up to 6x NVMe Hot Swap 2.5" Drives + 2x SAS/SATA Hot Swap 3.5" Drives;



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|--------------------------|---|
| 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                | Dual Socket P+ (LGA-4189)<br>3rd Gen Intel® Xeon® Scalable processors<br>Up to 36C/72T; Up to 54MB Cache per CPU  |
| GPU                      | Up to 1 double-width GPU  |
| System Memory            | Slot Count: 16 DIMM slots<br>Max Memory (2DPC): Up to 2TB non-ECC<br>Supports Intel® Optane™ persistent memory 200 series   |
| Drive Bays Configuration | Default: Total 8 bays <ul style="list-style-type: none"> <li>• 6 front hot-swap 3.5" NVMe/SAS/SATA drive bays</li> <li>• 2 rear hot-swap 3.5" NVMe/SAS/SATA drive bays</li> </ul> |
| Expansion Slots          | Default <ul style="list-style-type: none"> <li>• 1 PCIe 4.0 x16 LP slot</li> <li>• 1 PCIe 4.0 x16 AIOM slot (OCP 3.0 compatible)</li> </ul>                                       |
| On-Board Devices         | 1 RJ45 1GbE   |
| Input / Output           | LAN: 1 RJ45 1 GbE Dedicated BMC LAN port<br>USB: 2 USB 3.0 ports(rear)<br>Video: 1 VGA port   |



|                       |  |
|-----------------------|--|
| System Cooling        | Fans: Up to 2x 8cm Fan(s)<br>Air Shroud: 1 Air Shroud  |
| Power Supply          | 1x 2200W Redundant Titanium Level (96%) power supply   |
| System BIOS           | BIOS Type: AMI 32MB SPI FLASH ROM  |
| Management            | SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!   |
| 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>Pulse Width Modulated (PWM) fan connectors<br>Status monitor for speed control<br>Temperature: Monitoring for CPU and chassis environment |
| Dimensions and Weight | Weight: Gross Weight: 200 lbs (90.71 kg)<br>Net Weight: 150 lbs (68.04 kg)<br>Available Color: Silver  |
| Motherboard           | <a href="#">Super X12DPFR-AN6</a>  |
| Chassis               | CSE-F424AS3-R2K20BP  |