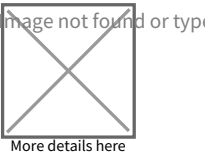


# IoT SuperServer SYS-110P-FWTR

Intel Xeon Socket P+ (LGA-4189) 3rd Gen, 800W redundant PWS, 1U edge platform



## Key Applications

Multi-Access Edge Computing (MEC), DU of 5G Application, Satellite Communication, VRAN/ORAN for Telecom, Edge AI,

## Key Features

- Socket P+ (LGA-4189) support 3rd Gen Intel® Xeon® Scalable processors;
- 8 DIMMs; Up to 2TB 3DS ECC DDR4-3200: RDIMM/LRDIMM;
- 2x 2.5" drive bays; 1 M.2 NVMe OR 1 M.2 SATA3;
- 6 heavy duty fans with optimal fan speed control; 1 Air Shroud(s);
- 800W Redundant Power Supplies Level (94%+);



|                          |  |
|--------------------------|--|
| Form Factor              | 1U Rackmount<br>Enclosure: 436.88 x 44.5 x 429.3mm (17.2" x 1.7" x 16.9")<br>Package: 685 x 203 x 609mm (27" x 8" x 24")   |
| Processor                | Single Socket P+ (LGA-4189)<br>3rd Gen Intel® Xeon® Scalable processors<br>Up to 32C/64T; Up to 48MB Cache   |
| System Memory            | Slot Count: 8 DIMM slots<br>Max Memory (1DPC): Up to 2048GB 3200MT/s ECC DDR4 RDIMM/LRDIMM   |
| Drive Bays Configuration | Default: Total 2 bays <ul style="list-style-type: none"> <li>• 2 internal fixed 2.5" SATA drive bays</li> </ul> M.2: 1 M.2 PCIe 3.0 x4 NVMe/SATA slot (M-key 2280/22110) |
| Expansion Slots          | Default <ul style="list-style-type: none"> <li>• 1 PCIe 4.0 x16 LP slot</li> <li>• 2 PCIe 4.0 x16 FHFL slots</li> </ul>  |
| On-Board Devices         | SATA: SATA (6Gbps) ; RAID 0/1 support<br>Chipset: Intel® C621A<br>Network Connectivity: 2 RJ45 10GBASE-T with Intel® X550  |
| Input / Output           | LAN: 1 RJ45 1 GbE Dedicated BMC LAN port<br>2 RJ45 10 GbE LAN ports (Intel® X550-AT2)<br>USB: 2 USB 2.0 Type-A ports<br>2 Type-A ports<br>Video: 1 VGA port              |



|                       |   |
|-----------------------|---|
| System Cooling        | <p>Fans: Up to 6 heavy duty fans with optimal fan speed control</p> <p>Air Shroud: 1 Air Shroud</p>   |
| Power Supply          | 2x 800W Redundant (1 + 1) Platinum Level (94%) power supplies   |
| Management            | <p>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!</p>   |
| PC Health Monitoring  | <p>CPU: Monitors for CPU Cores, Chipset Voltages, Memory</p> <p>FAN: Fans with tachometer monitoring</p> <p>Status monitor for speed control</p> <p>Pulse Width Modulated (PWM) fan connectors</p> <p>Temperature: Monitoring for CPU and chassis environment</p> <p>CPU thermal trip support, PEPI</p> |
| Dimensions and Weight | <p>Weight: Gross Weight: 15 lbs (6.8 kg)</p> <p>Net Weight: 10 lbs (4.54 kg)</p> <p>Available Color: Silver</p>   |
| Operating Environment | <p>Operating Temperature: 0°C to 40°C (32°F to 104°F)</p> <p>Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)</p> <p>Operating Relative Humidity: 8% to 90% (non-condensing)</p> <p>Non-operating Relative Humidity: 5% to 95% (non-condensing)</p>  |
| Motherboard           | <a href="#">Super X12SPW-TF</a>   |
| Chassis               | CSE-515B-R801W  |