# IoT SuperServer SYS-110P-FDWTR-NEBS-DC

## Key Applications

Multi-Access Edge Computing, Outdoor DU of 5G Application, Flex-RAN, Open-RAN vBBU,

## Key Features

- NEBS Level 3 certified for Telecommunication;
- 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);
- 600W Redundant Power Supplies Level (92%+);

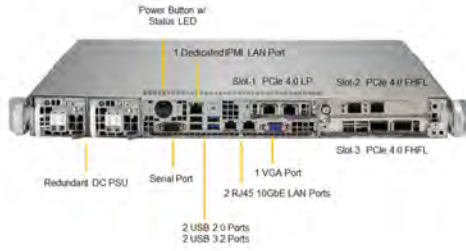| | |
|---|---|
| Form Factor | 1U Rackmount<br>Enclosure: 437 x 43 x 429mm (17.2" x 1.7" x 16.9")<br>Package: 686 x 203 x 610mm (27" x 8" x 24") |
| Processor | 3rd Gen Intel® Xeon® Scalable processors<br>Single Socket LGA-4189 (Socket P+) supported<br>TDP up to 205W; |
| System Memory | 8 DIMM slots<br>Up to 2TB ECC RDIMM/LRDIMM, DDR4-3200MHz |
| Drive Bays | 2x 2.5" SATA drive bays; |
| Expansion Slots | 1 PCIe 4.0 x16LP slot(s)<br>2 PCIe 4.0 x16 FHFL slot(s) |
| On-Board Devices | SATA: SATA3 (6Gbps); RAID 0/1 support<br>Chipset: Intel® C621A<br>Network Connectivity: 2x 10GbE BaseT port(s)<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 | USB: 2 USB 2.0 port(s) (2 front)<br>    2 USB 3.2 port(s) (2 front)<br>Video: 1 VGA port(s) |

(Front View – System)    (Rear View – System)

| System Cooling | 4 heavy duty fan(s) |
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| Power Supply | 1U 600W Redundant short depth DC48V input redundant power supply<br>Dimension (W x H x L): 54.5 x 40 x 220 mm |
| Management | IPMI 2.0 |
| PC Health Monitoring | CPU: 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<br>     CPU thermal trip support, PEPI |
| Dimensions and Weight | Height: 1.7" (43 mm)<br>Width: 17.2" (437 mm)<br>Depth: 16.9" (429 mm)<br>Gross Weight: 25.2 lbs (11.43 kg)<br>Packaging: 8" (H) x 27" (W) x 24" (D)<br>Available Color: No Paint |
| Operating Environment | Operating Temperature: 0°C ~ 40°C (32°F ~ 104°F)<br>Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)<br>Operating Relative Humidity: 8% to 90% (non-condensing)<br>Non-operating Relative Humidity: 5% to 95% (non-condensing) |
| Motherboard | Super X12SPW-TF |
| Chassis | CSE-515B-R601W |