

# IoT SuperServer SYS-110D-8C-FRAN8TP

Intel Xeon Processor, 8-Core, 800W redundant Platinum Level PWS, 1U edge platform



## Key Applications

Intel® QuickAssist Technology, Networking Security Appliance,

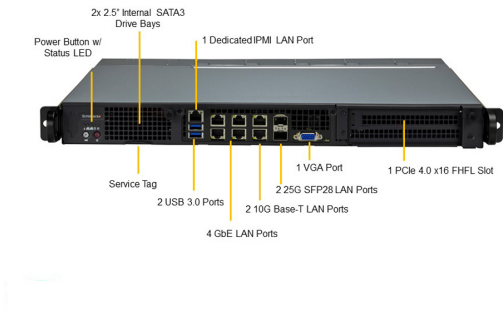
## Key Features

- Intel® Xeon® Processor D-2733NT, CPU TDP 80W;
- Up to 256GB Registered ECC RDIMM, DDR4-2667MHz; Up to 512GB LRDIMM LRDIMM, DDR4-2667MHz, in 4 DIMM slots;
- 2x Internal 2.5" drive bays(2x PCIe 4.0 NVMe x8 SlimSAS and 1x OCUlink options);
- 4x GbE, 2x 25G SFP28 and 2x 10G Base-T;
- 1x M.2 M-Key 2242/2280 (SATA/PCIe 3.0 x4);
- 5x 40x56mm Hot-swap Counter-rotation PWM Fans;
- Redundant 800 W, 100-240 Vac;



|                          |                                                                                                                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form Factor              | 1U Rackmount<br>Enclosure: 437 x 43 x 399mm (17.2" x 1.7" x 15.7")<br>Package: 680 x 200 x 605mm (26.7" x 7.9" x 23.8")                                                                                 |
| Processor                | Single FCBGA-2579<br>Intel® Xeon® Processor D-2700 Series                                                                                                                                               |
| GPU                      | Max GPU Count: Up to 1 double-width or 1 single-width GPU<br>Supported GPU: NVIDIA PCIe: L4<br>CPU-GPU Interconnect: PCIe 4.0 x16 CPU-to-GPU Interconnect                                               |
| System Memory            | Slot Count: 4 DIMM slots<br>Max Memory (1DPC): Up to 256GB 2667MT/s ECC/non-ECC DDR4 RDIMM<br>Max Memory (1DPC): Up to 512GB 2667MT/s ECC/non-ECC DDR4 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 NVMe/SATA slot (M-key 2242/2280)                                             |
| Expansion Slots          | Default <ul style="list-style-type: none"> <li>• 1 PCIe 4.0 x16 FHFL slot</li> </ul>                                                                                                                    |
| On-Board Devices         | 4 RJ45 1GBASE-T with Intel® I350<br>2 SFP28 25GbE with Intel® SoC<br>2 RJ45 10GBASE-T with Intel® X550                                                                                                  |
| Input / Output           | LAN: 1 RJ45 1 GbE Dedicated BMC LAN port<br>4 RJ45 1 GbE LAN ports (Intel® I350)<br>2 RJ45 10 GbE LAN ports (Intel® X550)<br>2 SFP28 25 GbE LAN ports (Intel® SOC)<br>USB: 2 ports<br>Video: 1 VGA port |

(Front View – System)



(Rear View – System)



|                       |                                                                                                                                                                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System Cooling        | Fans: Up to 5 Counter-rotating, Hot-swappable 40x40x56mm Fan(s)<br>Air Shroud: 1 Air Shroud                                                                                                                                                                            |
| Power Supply          | 2x 800W Redundant (1 + 1) Platinum Level (94%) power supplies                                                                                                                                                                                                          |
| Management            | SuperCloud Composer® (SCC); 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: Monitors for CPU Cores, Chipset Voltages, Memory<br>Fan:<br>Fans with tachometer monitoring Pulse Width Modulated (PWM) fan connectors Status monitor for speed control<br>Temperature: CPU thermal trip support, PEPI Monitoring for CPU and chassis environment |
| Dimensions and Weight | Weight: Gross Weight: 29 lbs (13.15 kg)<br>Net Weight: 18 lbs (8.16 kg)<br>Available Color: Silver                                                                                                                                                                     |
| Operating Environment | Operating Temperature: 0°C to 40°C (32°F to 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           | <a href="#">Super X12SDV-8C-SPT8F</a>                                                                                                                                                                                                                                  |
| Chassis               | CSE-515M-R000NP2                                                                                                                                                                                                                                                       |