

# IoT SuperServer SYS-110C-FHN4T

Intel Single Socket LGA-1200 (Socket H5) support 10th Gen, 200W Low Noise AC-DC PWS, 1U edge platform



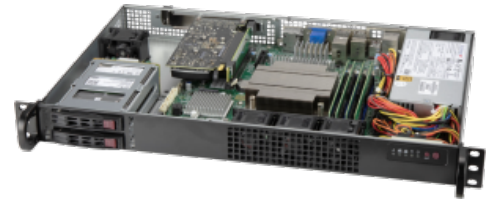
[More details here](#)

## Key Applications

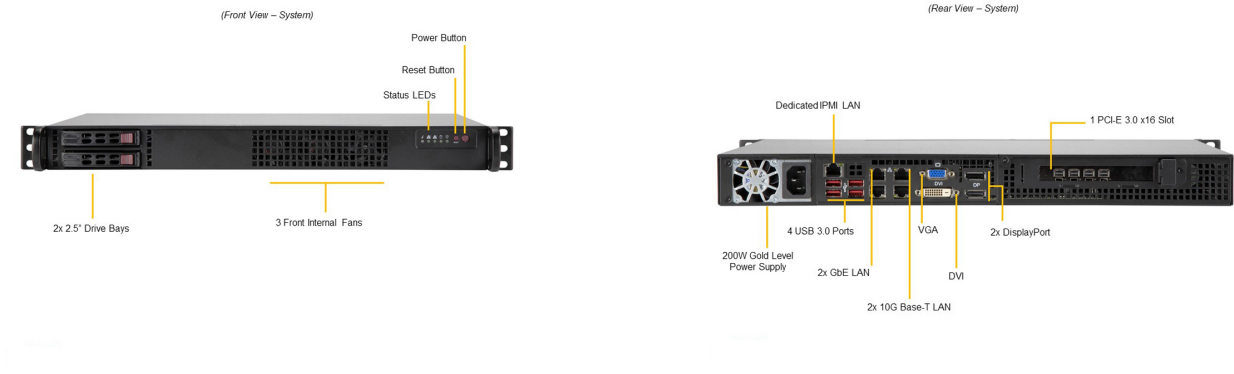
Video Surveillance, Office Server, DVR/NVR, Networking Security Appliance,  
Digital Signage / PoS,

## Key Features

- Single Socket LGA-1200 (Socket H5) support 10th/11th Gen. Core™ i & Xeon W-1200 processors;
- 4x DIMMs; Up to 128GB Unbuffered ECC/non-ECC UDIMM;
- 1x PCIe Gen3 x16 HHHHL slot;
- 2 Hot-swap 2.5" SATA3 drive bays;
- 4x 40x28mm 4-pin PWM fans;
- 200W Low Noise AC-DC power supply with PFC;
- Rear-access I/O: 2x 10GBased-T, 2x GbE, 1x Dedicated IPMI, 4x USB3.0, 1x VGA, 1x DVI-D, 2x DP;



|                          |                                                                                                                                                                                                                               |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form Factor              | 1U Rackmount<br>Enclosure: 437 x 43 x 287mm (17.2" x 1.7" x 11.3")<br>Package: 645.16 x 154.94 x 502.92mm (25.4" x 6.1" x 19.8")                                                                                              |
| Processor                | Single Socket H5 (LGA-1200)<br>10th/11th Gen Intel® Core™ i9/i7/i5/i3, Intel® Xeon® W-1200 processors<br>Up to 10C/20T; Up to 20MB Cache                                                                                      |
| System Memory            | Slot Count: 4 DIMM slots<br>Max Memory (2DPC): Up to 128GB 2933MT/s ECC DDR4 UDIMM                                                                                                                                            |
| Drive Bays Configuration | Default: Total 2 bays <ul style="list-style-type: none"><li>2 front hot-swap 2.5" SATA drive bays</li></ul> M.2: 1 M.2 NVMe/SATA slot (M-key 2280/22110)                                                                      |
| Expansion Slots          | Default <ul style="list-style-type: none"><li>1 PCIe 3.0 x16 HHHL slot</li></ul>                                                                                                                                              |
| On-Board Devices         | SATA: SATA (6Gbps) ; RAID 0/1 support<br>Network Connectivity: 2 RJ45 1GbE<br>2 RJ45 10GBASE-T                                                                                                                                |
| Input / Output           | LAN: 1 RJ45 1 GbE Dedicated BMC LAN port<br>2 RJ45 10 GBASE-T LAN ports<br>2 RJ45 1 GbE LAN ports<br>USB: 4 Type-A ports<br>Video: 1 VGA port<br>1 DVI-D port<br>2 DisplayPort ports<br>DOM: 1 SuperDOM (Disk on Module) port |



|                       |                                                                                                                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System Cooling        | Fans: Up to 4x 4-PIN PWM 40x28mm Fan(s)                                                                                                                                                                                                                                      |
| Power Supply          | 1x 200W Gold Level (91%) power supply                                                                                                                                                                                                                                        |
| 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: Fans with tachometer monitoring<br>Pulse Width Modulated (PWM) fan connectors<br>Status monitor for speed control<br>Temperature: CPU thermal trip support, PEPI<br>Monitoring for CPU and chassis environment |
| Dimensions and Weight | Weight: Gross Weight: 14.1 lbs (6.4 kg)<br>Net Weight: 10 lbs (4.54 kg)<br>Available Color: Black                                                                                                                                                                            |
| 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 X12SCZ-TLN4F</a>                                                                                                                                                                                                                                           |
| Chassis               | CSE-510FT-203B                                                                                                                                                                                                                                                               |