IoT SuperServer SYS-110C-FHN4T

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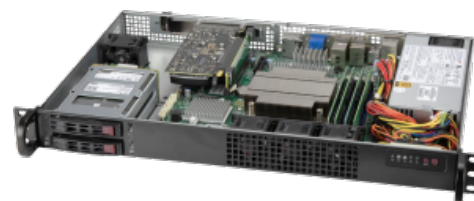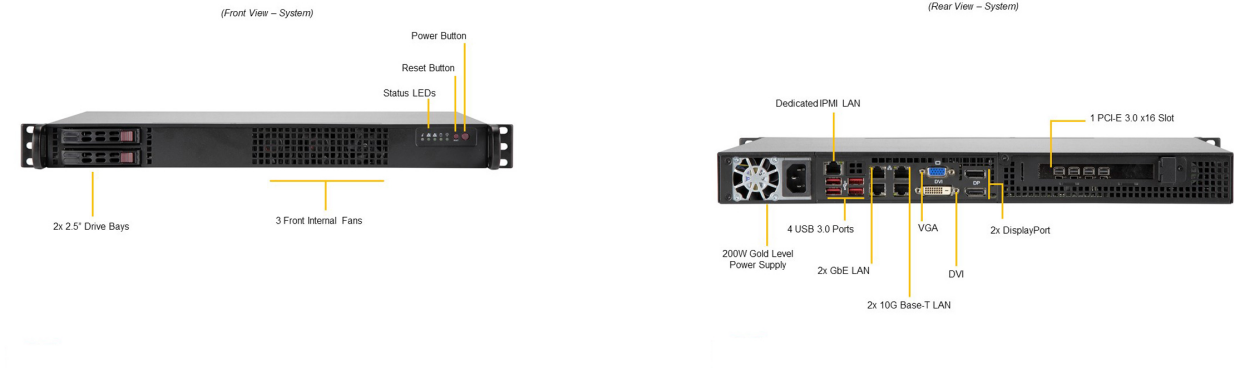
More details here

Key Applications

Compact 1U Network Security, Video Surveillance, Office Server, DVR/NVR, 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 HHHL 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 Enclosure: 437 x 43 x 287mm (17.2" x 1.7" x 11.3") Package: 645.16 x 154.94 x 502.92mm (25.4" x 6.1" x 19.8")
Processor	Single Socket H5 (LGA-1200) 10th/11th Gen Intel® Core™ i9/i7/i5/i3, Intel® Xeon® W-1200 processors Up to 10C/20T; Up to 20MB Cache
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 128GB 2933MT/s ECC DDR4 UDIMM
Drive Bays Configuration	Default: Total 2 bays • 2 front hot-swap 2.5" SATA drive bays M.2: 1 M.2 NVMe/SATA slot (M-key 2280/22110)
Expansion Slots	Default • 1 PCIe 3.0 x16 HHHL slot
On-Board Devices	SATA: SATA (6Gbps) ; RAID 0/1 support Chipset: Intel® W480E Network Connectivity: 2 RJ45 1GbE 　　　　　　　　　　　　　2 RJ45 10GBASE-T
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port 　　　2 RJ45 10 GBASE-T LAN ports 　　　2 RJ45 1 GbE LAN ports USB: 4 Type-A ports Video: 1 VGA port 　　　　1 DVI-D port 　　　　2 DisplayPort ports DOM: 1 SuperDOM (Disk on Module) port

(Front View – System)

Power Button
Reset Button
Status LEDs

2x 2.5" Drive Bays
3 Front Internal Fans

(Rear View – System)

Dedicated IPMI LAN
1 PCI-E 3.0 x16 Slot
4 USB 3.0 Ports
VGA
2x DisplayPort
200W Gold Level Power Supply
2x GbE LAN
DVI
2x 10G Base-T LAN

System Cooling	Fans: 4x 4-PIN PWM 40x28mm Fan(s)
Power Supply	1x 200W Gold Level (91%) power supply
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: Monitors for CPU Cores, Chipset Voltages, Memory
	FAN: Fans with tachometer monitoring
	    Status monitor for speed control
	    Pulse Width Modulated (PWM) fan connectors
	Temperature: Monitoring for CPU and chassis environment
	    CPU thermal trip support, PEPI

Dimensions and Weight	Weight: Gross Weight: 14.1 lbs (6.4 kg) Net Weight: 10 lbs (4.54 kg) Available Color: Black
Operating Environment	Operating Temperature: 0°C ~ 40°C (41°F ~ 104°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	**Super X12SCZ-TLN4F**
Chassis	**CSE-510FT-203B**