

TECHNICAL DATASHEET

SUPERMICRO · EDGE & EMBEDDED

Supermicro 1U IoT Server SYS-110C-FHN4T

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

SKU SYS-110C-FHN4T

1U

Supermicro



FORM FACTOR

1U

MAX POWER (BASE)

306 W

HEAT OUTPUT

1,044 BTU/h

PRICE

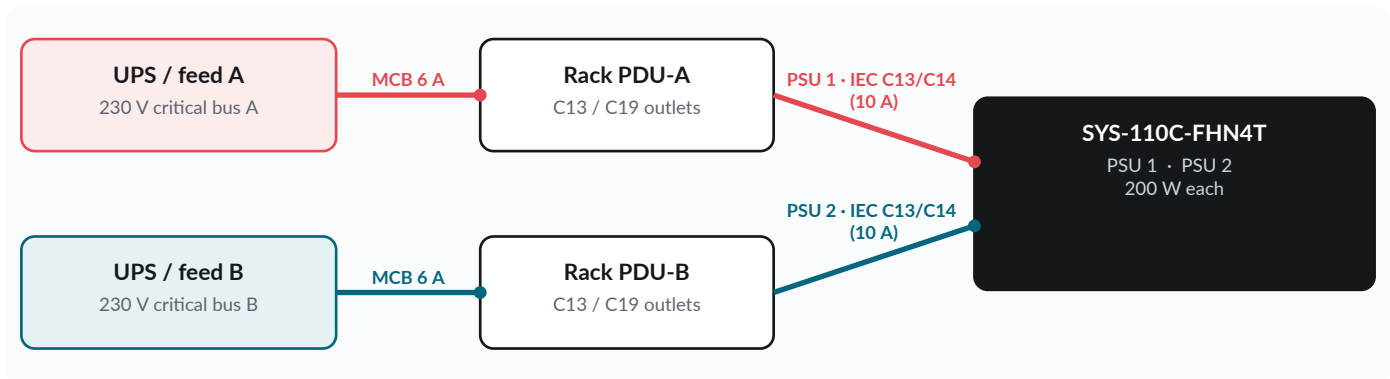
On request

REQUEST A QUOTATION ONLINE
serverinvest.com/product/sys-110c-fhn4t



03 Power connection diagram

Dual-feed (A/B) connection for redundant power supplies



- Connect PSU 1 to PDU-A and PSU 2 to PDU-B (independent feeds) using IEC C13/C14 (10 A) power cords.
- Maximum current per feed: 1.4 A at 230 V — each feed must be able to carry the full load if the other fails.
- Recommended protection per PDU circuit: MCB 6 A, curve C; RCD according to local regulations.
- Heat to remove at full load: 306 W = 1,044 BTU/h (0.3 kW).

04 Full specifications

MOTHERBOARD

Super X12SCZ-TLN4F

PROCESSOR

CPU	Single Socket H5 (LGA-1200) 10th/11th Gen Intel Core i9/i7/i5/i3, Intel Xeon W-1200 processors
Core Count	Up to 10C/20T; Up to 20MB Cache
Note	Supports 35W - 80W TDP CPUs (Air Cooled)

SYSTEM MEMORY

Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 128GB 2933MT/s ECC DDR4 UDIMM View Memory Options
Memory Voltage	1.2V

ON-BOARD DEVICES

SATA	SATA (6Gbps) ; RAID 0/1 support
Network Connectivity	2 RJ45 1GbE 2 RJ45 10GBASE-T View AOC Options

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 Super DOM (Disk on Module) port

MANAGEMENT

Software	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!
Power configurations	Power-on mode for AC power recovery ACPI Power Management

SECURITY

Hardware	Trusted Platform Module (TPM) 2.0
Features	Cryptographically Signed Firmware Secure Boot Secure Firmware Updates System Lockdown

PC HEALTH MONITORING

CPU	Monitors for CPU Cores, Chipset Voltages, Memory
Fan	Fans with tachometer monitoring Pulse Width Modulated (PWM) fan connectors Status monitor for speed control
Temperature	CPU thermal trip support, PEPI Monitoring for CPU and chassis environment

CERTIFICATIONS

Operating Systems	RHEL 9.0, Windows 10 View all OS Compatibility and Certification Matrix
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CHASSIS

Form Factor	1U Rackmount
Model	CSE-510FT-203B

DIMENSIONS AND WEIGHT

Height	1.7" (43 mm)
Width	17.2" (437 mm)
Depth	11.3" (287 mm)
Package	6.1" (H) x 25.4" (W) x 19.8" (D)
Weight	Gross Weight: 14.1 lbs (6.4 kg) Net Weight: 10 lbs (4.54 kg)
Available Color	Black

EXPANSION SLOTS

PCI-Express (PCIe) Configuration	Default 1 PCIe 3.0 x16 HHHL slot View AOC Options
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DRIVE BAYS / STORAGE

Drive Bays Configuration	Default: Total 2 bays 2 front hot-swap 2.5" SATA drive bays View Drive Options
M.2	1 M.2 NVMe/SATA slot (M-key 2280/22110) View M.2 Options

SYSTEM COOLING

Fans	Up to 4x 4-PIN PWM 40x28mm Fan(s)
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POWER SUPPLY

1x 200W
1x 200W Gold Level (91%) power supply
Dimension (WxHxL)
76 x 40.3 x 192 mm

OPERATING ENVIRONMENT

Environmental Spec.	Operating Temperature: 0°C to 40°C (32°F to 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)
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05 Built, tested & supported by ServerInvest

Engineered configuration

Every option validated for socket, memory channels, PCIe lanes, power and cooling.

48-hour burn-in

Assembled, firmware-updated and stress-tested before it leaves our workshop.

3-year warranty

Standard on every system, with on-site next-business-day upgrades available.

Rack-ready delivery

Rails, cable management and labelling included — delivered across Europe.



Interested in this solution?

Request a quotation online or talk to a solutions engineer — we reply within one business day.
office@serverinvest.com

Official manufacturer datasheet: serverinvest.com/product/sys-110c-fhn4t/datasheet/manufacture

