IoT SuperServer SYS-111AD-HN2

Intel Single Socket LGA-1700 support 12th & 13th Gen, 200W Low Noise AC-DC PWS, 1U edge platform

More details here

Key Applications

Video Surveillance, Office Server, DVR/NVR, Embedded System, Digital Signage / PoS,

Key Features

- Single Socket LGA-1700 support 14th/13th/12th Gen Core i9/i7/i5/i3/Pentium/Celeron Processor,up to 80W;
- 4x DIMMs; Up to 128GB Unbuffered ECC/non-ECC UDIMM;
- 1x PCIe Gen5 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 2.5GBased-T, 1x Dedicated IPMI, 4x USB3.2, 1x VGA, 1x DVI-D, 2x DP,1x HDMI 2.0b;

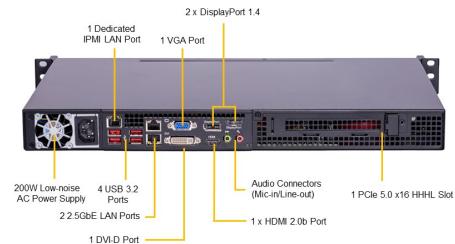|	
Form Factor	1U Rackmount Enclosure: 437 x 43 x 287mm (17.2" x 1.7" x 11.3") Package: 645.16 x 154.94 x 502.92mm (25.4" x 6.1" x 19.8")
Processor	Single Socket V0 (LGA-1700) 14th/13th/12th Gen Intel® Core™ i9/i7/i5/i3, Pentium® and Celeron® Processors
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 128GB 4400MT/s ECC/non-ECC DDR5 UDIMM
Drive Bays Configuration	Default: Total 2 bays • 2 front hot-swap 2.5" SATA drive bays M.2: 1 M.2 NVMe slot (M-key 2280/22110)
Expansion Slots	Default • 1 PCIe 5.0 x16 HHHL slot
On-Board Devices	SATA: SATA (6Gbps) Chipset: Intel® R680E Network Connectivity: 2 RJ45 2.5GbE with Intel® I225-LM

Input / Output	LAN: 2 RJ45 2.5 GbE LAN ports
	USB: 4 ports
	Video: 1 VGA port
	     1 HDMI 2.0b port
	     1 DVI-D port
	     2 DisplayPort 1.4 ports
	Audio: Line Out
	     Mic in

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

2 x DisplayPort 1.4
1 Dedicated
IPMI LAN Port
1 VGA Port

2x 2.5" Hot-swap SATA3 Drive Bays　　　　2 System Fans　　Power Button and Status LEDs

200W Low-noise AC Power Supply　　4 USB 3.2 Ports　　Audio Connectors (Mic-in/Line-out)　　1 PCIe 5.0 x16 HHHL Slot
2 2.5GbE LAN Ports　　1 x HDMI 2.0b Port
1 DVI-D Port

System Cooling	Fans: Up to 4x 4-PIN PWM 40x28mm Fan(s) Air Shroud: 1 Air Shroud
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	Temperature: SuperDoctor® 5 　　　　　System resource alert via SuperDoctor®5 　　　　　Platform Environment Control Interface (PECI) 3.0 support
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 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)
Motherboard	**Super X13SAZ-F**
Chassis	**CSE-510FT-203B**