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, Digital Signage, POS, Compact 1U Embedded System,



Key Features

- Single Socket LGA-1700 support 12th & 13th 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;

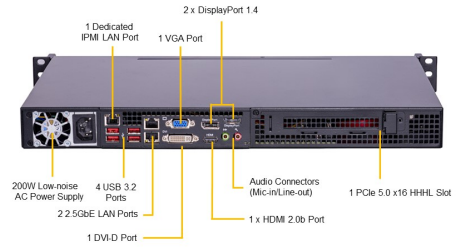
Form Factor	1U Rackmount Enclosure: 437 x 43 x 287mm (17.2" x 1.7" x 11.3") Package: 645.16 x 154.94 x 502.92mm (25.4" x 6.1" x 19.8")
Processor	Single LGA-1700 12th/13th Gen Core i9/i7/i5/i3 Processor
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 128GB 4400MT/s ECC/non-ECC DDR5 UDIMM
Drive Bays Configuration	Default: Total 2 bay(s) • 2 front hot-swap 2.5" SATA drive bay(s) M.2: 1 M.2 NVMe slot(s) (M-key 2280/22110)
Expansion Slots	Default • 1 PCIe 5.0 x16 HHHL slot(s)
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 port(s) USB: 4 port(s) Video: 1 VGA port(s) 1 HDMI 2.0b port(s) 1 DVI-D port(s) 2 DisplayPort 1.4 port(s) Audio: Line Out Mic in

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(Front View – System)



(Rear View – System)



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	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 ~ 40°C (32°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 X13SAZ-F**
Chassis	**CSE-510FT-203B**

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