IoT SuperServer SYS-E100-13AD-H

Fanless Box PC with Intel i7-1265UE and supporting 2x 2.5GbE LAN ports and 2 HDMI® ports

More details here

Key Applications

IoT Gateway, Industrial Automation, Healthcare, Digital Signage / PoS, Security & Surveillance, Smart Building,

Key Features

- Wi-Fi enabled system. Optional Intel® Wi-Fi 6E AX210 Gig+ integration with support for Wi-Fi 4, 5, 6, 6E R2, and Bluetooth® 5.3;
- Alder Lake-U 12th Generation Intel® Core™ i7-1265UE;
- 2x DDR5-4800MT/s Non-ECC SO-DIMM max 64GB;
- M.2 M/B/E-Key with Nano SIM Card Slot;
- 2x LAN 2.5GbE;
- Fanless (Op. Temperature 0C ~ +50C);
- 4 Independent Displays: HDMI2.0b/1.4b + DP 1.4a (Alt mode USB Typ-C);

Form Factor	Fanless Embedded Enclosure: 195 x 44 x 150mm (7.68" x 1.73" x 5.94") Package: 300 x 130 x 279mm (11.81" x 5.12" x 11")
Processor	Single FCBGA-1744 Intel® Core™ i7-1265UE Up to 10C/20T; Up to 12MB Cache
System Memory	Slot Count: 2 DIMM slots/2 Channels Max Memory (2DPC): Up to 64GB 4800MT/s non-ECC DDR5 SO-DIMM
Drive Bays Configuration	1 M.2 PCIe 4.0 x4 NVMe slot (M-key 2242/2280) 1 M.2 SATA slot (B-key 2242/2280; USB 3.0)
Expansion Slots	1 M.2 SATA slot (B-key 2242/2280; USB 3.0) 1 M.2 slot (E-key 2230(default))
On-Board Devices	2 RJ45 2.5GbE with Intel® I225-IT
Input / Output	LAN: 2 RJ45 2.5 GbE LAN ports (Intel® I225-IT) USB: 2 USB 3.2 Gen1 Type-C ports (front) 2 USB 3.2 Gen1 Type-A ports (front) 4 USB 2.0 Type-A ports (Rear) Video: 1 HDMI® 2.0b port(s) (Front) 1 HDMI® 1.4b port(s) (Front) 2 Mini-DP 1.4 ports (Front) Serial: 4 COM ports (Rear) TPM: 1 TPM Onboard/port 80

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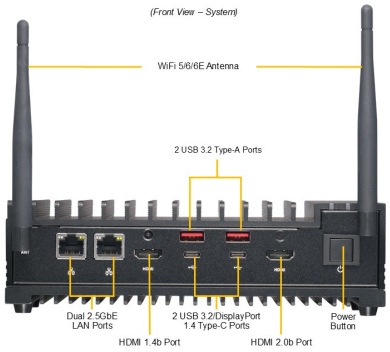

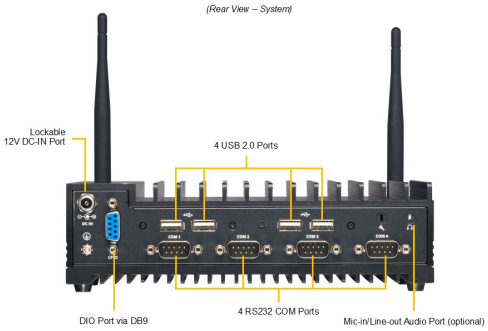

System Cooling	Fans: N/A
Power Supply	1x 84W power supply
System BIOS	BIOS Type: AMIUEFI BIOS Features: ACPI 6.4 SMBIOS 3.5 or later UEFI 2.8 PCI F/W 3.0
Management	Supermicro SuperDoctor® 5 (SD5)
Dimensions and Weight	Weight: Gross Weight: 4.3 lbs (1.95 kg) Net Weight: 2.16 lbs (0.98 kg) Available Color: Black
Operating Environment	RoHS Compliant Operating Temperature: 0°C to 50°C (32°F to 122°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 X13SAN-H-WOHS**
Chassis	**CSE-E101-04**

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