

IoT SuperServer SYS-E100-13AD-L

Fanless Box PC with Intel i3-1215UE and supports 2x 2.5GbE LAN ports, 1 HDMI 2.0b (4K60Hz), 1 HDMI 1.4b



More details here

Key Applications

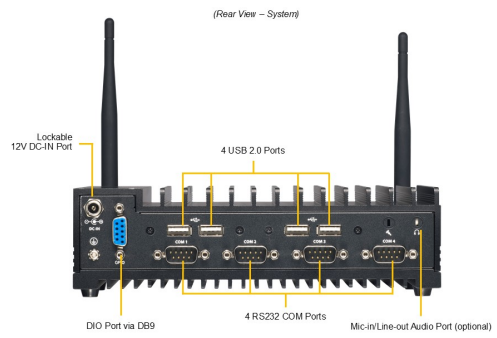
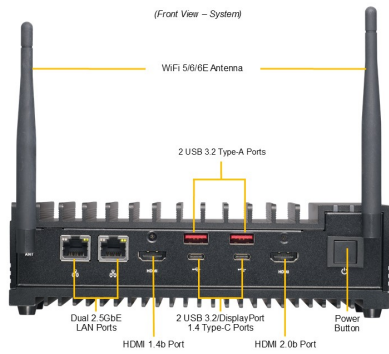
Industrial Automation, Retail, Smart Medical Expert Systems, Digital Signage Kiosk, Interactive info system, IoT Gateway for Smart Factory, Smart Building, Security and Surveillance,

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™ i3-1215UE;
- 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: HDMI 2.0b/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™ i3-1215UE Up to 6C/12T; Up to 10MB 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; USB 2.0) 1 M.2 PCIe 4.0 x4 NVMe slot (M-key 2242/2280)
On-Board Devices	Chipset: intel System on Chip Network Connectivity: 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(Front) 1 HDMI 1.4b port(Front) 2 Mini-DP 1.4 ports(Front) Serial: 4 COM ports(Rear) TPM: 1 TPM Onboard/port 80



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	<u>Super X13SAN-L-WOHS</u>
Chassis	CSE-E101-04