IoT SuperServer SYS-E302-13AD

Embedded Mini-ITX Fanless Box with 12th Gen Intel Core processor

More details here

Key Applications

Healthcare, Retail, Artificial Intelligence, Enhanced Graphics&AI, IoT Application,

Key Features

- Intel® Alder Lake-PS, 12th Gen Core Cel/i3/i5/i7 Processor LGA1700;
- Windows 10 EoT Enterprise 2021 LTSC and long-term Linux kernel;
- Up to DDR5 4800MHz 32GB SO-DIMM;
- 1x SATA 2.5” Storage, 1x M.2 M-Key (2280) support NVMe;
- Fanless Cooling
  Operating Temperature : 0°C-40°C;
- 150W 12V Lockable DC Power Adapter;
- 3x USB 3.2 Gen2 x1, 1 xUSB 2.0, 2x 2.5GbE LAN Ports
  Intel® Iris Xe Graphics, 4 Independ Displays: 1x DisplayPort 1.4, 1x HDMI, 2x USB Type-C support DisplayPort;

Form Factor	Fanless Embedded Enclosure: 295 x 76 x 206mm (11.6" x 3" x 8.1") Package: 418 x 305 x 194mm (16.45" x 12" x 7.6")
Processor	Single LGA-1700 12th Gen Intel® Core i3/Core i5/Core i7 UL/HL or Celeron L processor Up to 14C/28T; Up to 64MB Cache
System Memory	Slot Count: 1 DIMM slots Max Memory (1DPC): Up to 32GB 4800MT/s non-ECC DDR5 SO-DIMM
Drive Bays Configuration	Default: Total 1 bay • 1 internal fixed 2.5" SATA drive bay M.2: 1 M.2 PCIe 3.0 x4 NVMe slot (M-key 2280)
Expansion Slots	1 M.2 PCIe 3.0 x1 slot (E-key 2230(default)) 1 M.2 PCIe 3.0 x2 SATA slot (B-key 3052(default)/3042)
On-Board Devices	Chipset: Intel® SoC Network Connectivity: 2 RJ45 2.5GbE with Intel® I225-LM
Input / Output	LAN: 2 RJ45 2.5 GbE LAN ports (Intel® I225-LM) USB: 1 USB 2.0 port 2 Type-C ports 2 ports 1 port Video: 1 HDMI 2.0b port 1 DisplayPort 1.4 port

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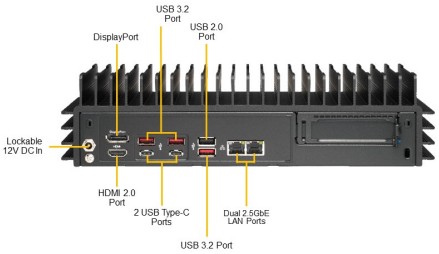
(Front View – System)

(Rear View – System)



System Cooling	Fans: N/A
Power Supply	1x 150W power supply
System BIOS	BIOS Type: AMIUEFI BIOS Features: SMBIOS 3.0 or later UEFI 2.7 PCI FW 3.0 ACPI 6.1
Management	Watch Dog
Dimensions and Weight	Weight: Gross Weight: 12 lbs (5.44 kg) Net Weight: 8 lbs (3.63 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 X13SAV-PS**
Chassis	**CSE-E302iL3**

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