

IoT SuperServer SYS-E302-13AD



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 64GB SO-DIMM;
- 1x SATA 2.5" Storage, 1x M.2 M-Key (2280) support NVMe;
- Operating Temperature : 0°C-45°C; Fanless Cooling;
- 150W 12V Lockable DC Power Adapter;
- Intel® Iris Xe Graphics, 4 Independ Displays: 1x DisplayPort 1.4, 1x HDMI, 2x USB Type-C support DisplayPort; 3x USB 3.2 Gen2 x1, 1 xUSB 2.0, 2x 2.5GbE LAN Ports;

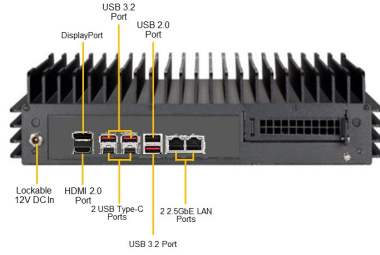


Form Factor	Fanless Embedded Rackmount Enclosure: 295 x 76 x 206mm (11.6" x 3" x 8.1") Package: 418 x 305 x 194mm (16.45" x 12" x 7.6")
Processor	Single LGA-1700 12th Gen Intel® Core i3/Core i5/Core i7 UL/HL or Celeron L processor Up to 14C/28T; Up to 64MB Cache
System Memory	Slot Count: 1 DIMM slots Max Memory (1DPC): Up to 32GB 4800MT/s non-ECC DDR5 SO-DIMM
Drive Bays	1x 2.5" SATA/PCIe drive bays 1x M-Key 2280 (PCIe 4.0 x4 (NVMe))
On-Board Devices	Chipset: Intel® SoC Network Connectivity: 2x 2.5GbE BaseT with Intel® I225-LM IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Input / Output	LAN: 2 RJ45 2.5 GbE (Intel® i225-LM)

(Front View – System)



(Rear View – System)



System Cooling	Fans: N/A
Power Supply	150W Level power supply
System BIOS	BIOS Type: AMIUEFI AMIUEFI AMIUEFI AMIUEFI BIOS Features: ACPI 6.1
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; IPMI 2.0
PC Health Monitoring	Temperature: CPU thermal trip support Peripheral temperature System temperature Memory temperature NVMe temperature Platform Environment Control Interface (PECI)/TSI
Dimensions and Weight	Height: 3" (76 mm) Width: 11.6" (295 mm) Depth: 8.1" (206 mm) Gross Weight: 12 lbs (5.44 kg) Net Weight: 8 lbs (3.63 kg) Packaging: 12" (H) x 16.45" (W) x 7.6" (D) Palletized Packing (W x H x L): 50.79" (1290 mm) x 87.8" (2230 mm) x 34.25" (870 mm) Available Color: Black
Operating Environment	Operating Temperature: 0°C ~ 45°C (32°F ~ 113°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

Parts List

Standard Parts (Parts Included)

Motherboard / Chassis

Part Number	MBD-X13SAV-PS	CSE-E302IL3
Qty	1	1
Description	Super X13SAV-PS Motherboard	Fanless Embedded Chassis

Power Supply

Part Number	MCP-250-10133-0N
Qty	1
Description	180W DC power adapter with US power cord 18AWG 6ft

Parts

Part Number	MCP-260-00188-0B
Qty	1
Description	1U E302 I/O Shield for X13SAV-PS with EMI Gasket

Manual

Part Number	MNL-2654-QRG
Qty	1
Description	SYS-E302-13AD Quick Reference Guide

* Cable

Part Number	MCP-180-30202-0N
Qty	1
Description	Y split,DC lockable input ,DC5.5 to 2x4P, 40cm, 22AWG,RoHS

Notes:

1. Parts with * are inside the chassis
2. Excessive parts might not be shipped, including but not limited to excessive drive trays, fans, riser brackets, air shrouds, IO shields, cables.....etc.

[Global SKU \(/en/products/SMC_global_sku\)](#)