

IoT SuperServer SYS-E302-12E



More details here

Key Applications

Process Automation, Digital Singnage&Data Visualization, Retail, Banking&Smart City,

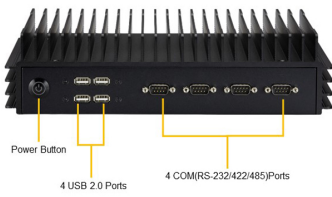
Key Features

- Wall Mount Bracket;
- Intel® Elkhart Lake up to 4C/12W;
- 1x M.2 B-Key; 1x M.2 E-Key;
- Rich I/O Ports: 2x USB3.1, 6x USB2.0, 4x COM, 4x LAN;
- 1 xFixed 2.5" drive bay with bracket (Wide Temp required);
- Wide Temperature -20°C to 60°C (-4°F to 140°F); Fanless Cooling;
- Lockable 12V DC 150W/180W Power Adapter;
- Tri Independent Displays: 1x HDMI 2.0b (4K60Hz), 1x DP 1.4, 1x VGA;

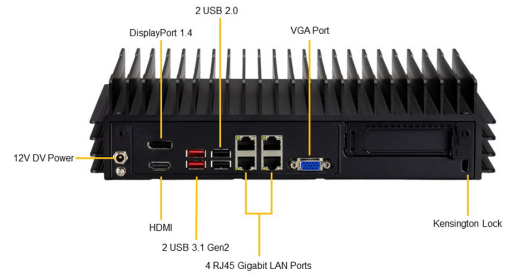


Form Factor	Fanless Embedded Rackmount Enclosure: 295 x 76 x 206mm (11.6" x 3" x 8.1") Package: 418 x 305 x 194mm (16.45" x 12" x 7.6")
Processor	Single FCBGA-1493 Intel® Atom® Processor x6425E Up to 4C/8T; Up to 1.5MB Cache
System Memory	Slot Count: 2 DIMM slots Max Memory (2DPC): Up to 32GB 3200MT/s non-ECC DDR4 SO-DIMM
Drive Bays	1x 2.5" SATA drive bays 1x B-Key 2280/3042 (PCIe 3.0 x2 / SATA / USB3.1)
On-Board Devices	Chipset: Intel® x6425E Network Connectivity: 4x 1GbE BaseT
Input / Output	LAN: 4 RJ45 GbE LAN ports USB: 6 USB 2.0 port(s) (2 rear; 4 front) 2 USB 3.1 Gen2 port(s) (2 rear) Video: 1 VGA port(s) Serial Port: 4 COM Port(s) (4 front)

(Front View – System)



(Rear View – System)



System Cooling

Fans: N/A

Power Supply

150W Level power supply

System BIOS

BIOS Type: AMIUEFI
 AMIUEFI
 BIOS Features: SMBIOS 3.3 or later

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: -20°C ~ 60°C (-4°F ~ 140°F)
 Non-operating Temperature: -30°C to 70°C (-22°F to 158°F)
 Operating Relative Humidity: 8% to 90% (non-condensing)
 Non-operating Relative Humidity: 5% to 95% (non-condensing)

Motherboard

[Super A3SEV-4C-LN4](#)

Chassis

CSE-E302iL2

Parts List

Standard Parts (Parts Included)

Motherboard / Chassis

Part Number	MBD-A3SEV-4C-LN4	CSE-E302iL2
Qty	1	1
Description	Super A3SEV-4C-LN4 Motherboard	Fanless Embedded Chassis

Manual

Part Number	MNL-2471-QRG
Qty	1
Description	E302-12E Quick Reference Guide

Power Supply

Part Number	MCP-250-10133-0N OR	MCP-250-10128-0N
Qty	1	-
Description	180W DC power adapter with US power cord 18AWG 6ft	150W Lockable Power Adapter with US power cord

* 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.

Optional Parts List

Cable

Part Number	CBL-SAST-0886	CBL-0473L
Qty	1	1
Description	SATA 15pin x2 to 4pin /P2.5,40CM,22AWG,RoHS	7pin SATA (STR to STR), 21cm, PBF

Wall mount/VESA mount

Part Number	MCP-290-30201-0B
Qty	1
Description	WALL / VESA mount kit with adapter holder

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