

# IoT SuperServer SYS-E302-12A-8C



More details here

## Key Applications

IoT Gateway, Network Security Appliance, SD WAN, Embedded Networking Applications, Retail, Industrial Automantion, Artificial Intelligence, Machine Learning,

## Key Features

- Optional Wall / VESA Mount Bracket ;
- Intel® Atom® Parker Ridge processor C5325, TDP 41W;
- Up to 128GB ECC RDIMM DDR4-2933MHz, in 2 DIMM slots;
- 1x M.2 B-Key 3052, 1x M.2 M-Key 2280;
- 1x dedicated LAN for IPMI, 6x Networking Interface (2x 10G SFP+, 4x 1G RJ45);
- 1x 2.5" SATA drives;
- Fanless Cooling, Operating Temperature: 0°C to 45°C (32°F to 113°F);
- Lockable 12V DC 150W Power Adapter;
- Intel® Quick Assist Technology;
- VGA via BMC, 2 USB 3.0 ports;

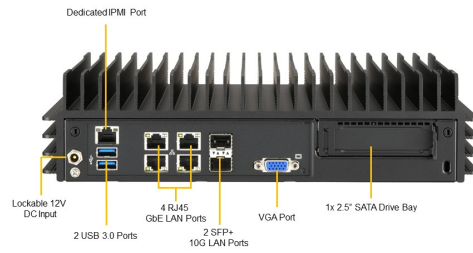


Form Factor	Fanless Embedded Rackmount Enclosure: 295 x 76 x 206mm (11.6" x 3" x 8.1") Package: 418 x 305 x 194mm (16.45" x 12" x 7.6")
Processor	Single FCBGA-2106 Intel® Atom® processor C5325 Up to 8C/16T; Up to 9MB Cache
System Memory	Slot Count: 2 DIMM slots Max Memory (2DPC): Up to 128GB 2933MT/s ECC DDR4 RDIMM
Drive Bays	1x 2.5" SATA drive bays 1x M-Key 2280 (PCIe 3.0 x4) 1x B-Key 3052 (PCIe 3.0 & SATA3 & USB3.0)
On-Board Devices	SATA: SoC controller for 1 SATA3 (6 Gbps) port Chipset: Intel® SoC Network Connectivity: 2x 10GbE SFP+ with Intel® C5000 SoC 4x 1GbE BaseT port(s)
Input / Output	LAN: 1 RJ45 Dedicated IPMI LAN port 4 RJ45 Gigabit Ethernet LAN ports 2 SFP+ 10GbE USB: 2 USB 3.0 port(s) (2 USB) Video: 1 VGA port(s)

(Front View – System)



(Rear View – System)



System Cooling	Fans: N/A
Power Supply	150W Level power supply
System BIOS	BIOS Type: AMI 32MB UEFI AMI 32MB UEFI AMI 32MB UEFI BIOS Features: SMBIOS 3.0 or later
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory Temperature: CPU thermal trip support, PEPI
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	<a href="#">Super A3SPI-8C-LN6PF</a>
Chassis	CSE-E302iL3

## Parts List

### Standard Parts (Parts Included)

#### Motherboard / Chassis

Part Number	MBD-A3SPI-8C-LN6PF	CSE-E302IL3
Qty	1	1
Description	Super A3SPI-8C-LN6PF Motherboard	Fanless Embedded Chassis

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#### Power Supply

Part Number	MCP-250-10128-0N
Qty	1
Description	150W Lockable Power Adapter with US power cord

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#### \* Cable

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

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#### 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-1214T3PY31
Qty	1
Description	SATA signal & power

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#### Wall mount/VESA mount

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

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[Global SKU \(/en/products/SMC\\_global\\_skus\)](#)

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