

# IoT SuperServer SYS-E302-12E



## Key Applications

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

## Key Features

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

[More details here](#)



<b>Form Factor</b>	Compact Rackmount Enclosure: 295 x 76 x 206mm (11.6" x 3" x 8.1") Package: 381 x 276 x 142mm (15" x 10.87" x 5.59")
<b>Processor</b>	Intel® Atom® Processor x6425E Single Socket Single Socket FCBGA-1493 supported supported TDP up to 12W;
<b>System Memory</b>	2 DIMM slots Up to 32GB SO-DIMM, DDR4-3200MHz
<b>Drive Bays</b>	1x 2.5" SATA drive bays;
<b>Expansion Slots</b>	Slot :
<b>On-Board Devices</b>	SATA: SATA3 (6Gbps)with expander ((when AOC area is not occupied) (Wide Temp required)) Chipset: Intel® x6425E Network Connectivity: 4x 1GbE BaseT
<b>Input / Output</b>	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)



## Power Supply

180W 12V Lockable DC Power Adapter

## System BIOS

BIOS Type: AMIUEFI  
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BIOS Features: SMBIOS 3.3 or later

## Management

SuperDoctor® 5; Watch Dog; Trusted Platform Module (TPM) 2.0 support

## Dimensions and Weight

Height: 3" (76 mm)  
Width: 11.6" (295 mm)  
Depth: 8.1" (206 mm)  
Gross Weight: 7.5 lbs (3.4 kg)  
Net Weight: 3.45 lbs (1.56 kg)  
Packaging: 10.87" (H) x 15" (W) x 5.59" (D)  
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