

# 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	Compact 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 Socket supported  (12th Generation Intel® Core™ SoC i7/i5/i3/Celeron Processor, Single Socket LGA-1700 supported, CPU TDP supports Up to 65W TDP)
System Memory	2 DIMM slots Up to 64GB SO-DIMM, DDR5-4800MHz
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
Input / Output	LAN: 2 RJ45 2.5 GbE (Intel® i225-LM)



Power Supply 1x 150W 12V Lockable AC/DC Power Adapter

System BIOS BIOS Type: AMIUEFI  
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 BIOS Features: ACPI 6.1

Management SuperDoctor® 5; Watch Dog; SUM

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)  
 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