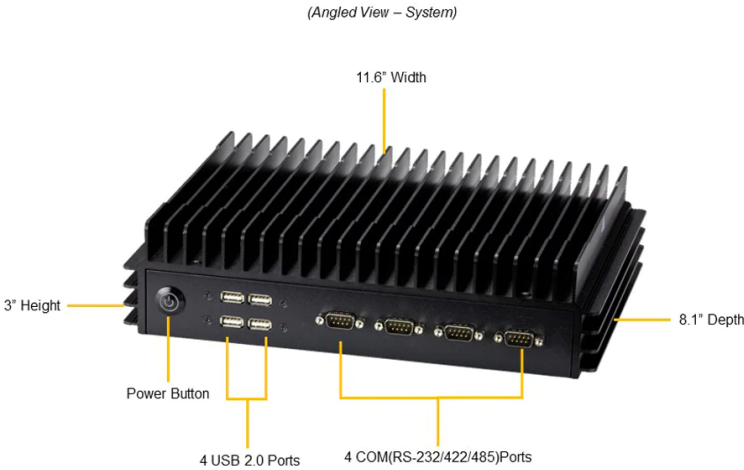


IoT SuperServer SYS-E302-12E



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

Product SKUs	
SYS-E302-12E	■ SuperServer SYS-E302-12E (Black)
Motherboard	
Super A3SEV-4C-LN4	
Processor	
CPU	■ Single Single Socket FCBGA-1493 supported ■ Intel® Atom® Processor x6425E ■ Support CPU TDP 12W
Cores	■ Up to 4C/4T; Up to 1.5MB Cache
System Memory	
Memory	■ Memory Capacity: 2 DIMM slots ■ Up to 32GB: SO-DIMM ■ Memory Type: 3200MHz DDR4 SO-DIMM
On-Board Devices	
SATA	■ SATA3 (6Gbps)with expander ((when AOC area is not occupied) (Wide Temp required))
Chipset	■ Intel® x6425E
Network Connectivity	■ 4x 1GbE BaseT
Input / Output	
LAN	■ 4 RJ45 GbE LAN ports
USB	■ 6 USB 2.0 port(s) (4 front; 2 rear) ■ 2 USB 3.1 Gen2 port(s) (2 rear)
Video	■ 1 VGA port(s)
Serial Port	■ 4 COM Port(s) (4 front)
System BIOS	
BIOS Type	■ AMIUEFI
BIOS Features	■ SMBIOS 3.3 or later ■ UEFI 2.7
Management	
Software	■ Trusted Platform Module (TPM) 2.0 support ■ Watch Dog ■ SuperDoctor® 5
Power Configurations	■ Boot eDP/VGA Select ■ AC Loss Policy Depend On ■ Power Button Function ■ Watch Dog Function

Chassis	
Form Factor	■ Compact
Model	■ CSE-E302iL2
Dimensions and Weight	
Height	■ 3" (76mm)
Width	■ 11.6" (295mm)
Depth	■ 8.1" (206mm)
Package	■ 10.87" (H) x 15" (W) x 5.59" (D)
Weight	■ Net Weight: 3.45 lbs (1.56 kg) ■ Gross Weight: 7.5 lbs (3.4 kg)
Available Color	■ Black
Front Panel	
Buttons	■ Power On/Off ■ UID button
LEDs	■ HDD activity ■ HDD Status ■ LAN1 activity ■ LAN2 activity ■ Power status ■ System information
Drive Bays / Storage	
Drive Bays	■ 1x 2.5" SATA drive bays via expander
M.2	■ 1 M.2 SATA3 ■ B-Key/E-Key, 2280/3042/2230
System Cooling	
Fans	■ N/A
Power Supply	
180W 12V Lockable DC Power Adapter	
AC Input	■ 150W: 100-240Vac / 12.5A Max / 47-63Hz
Operating Environment	
Environmental Spec.	■ 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)