IoT SuperServer SYS-E302-12E

Embedded Mini-ITX Fanless Box based on Intel Atom processor x6425E

More details here

Key Applications

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



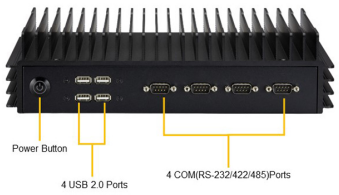
Key Features

- 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;

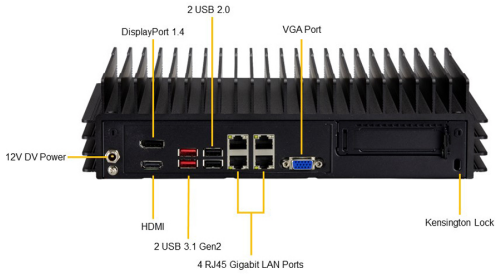
Form Factor	Fanless Embedded Rackmount Enclosure: 295 x 76 x 206mm (11.6" x 3" x 8.1") Package: 418 x 305 x 194mm (16.45" x 12" x 7.6")
Processor	Single FCBGA-1493 Intel® Atom® Processor x6425E Up to 4C/8T; Up to 1.5MB Cache
System Memory	Slot Count: 2 DIMM slots Max Memory (2DPC): Up to 32GB 3200MT/s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

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(Front View – System)



(Rear View – System)



System Cooling	Fans: N/A
Power Supply	1x 150W power supply
System BIOS	BIOS Type: AMIUEFI BIOS Features: UEFI 2.7 SMBIOS 3.3 or later
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
Dimensions and Weight	Weight: Gross Weight: 12 lbs (5.44 kg) Net Weight: 8 lbs (3.63 kg) Available Color: Black
Operating Environment	Operating Temperature: -20°C ~ 60°C (-4°F ~ 140°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condesning) Non-operating Relative Humidity: 5% to 95% (con-condensing)
Motherboard	**Super A3SEV-4C-LN4**
Chassis	**CSE-E302iL2**

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