

# IoT SuperServer SYS-E100-14AM-E

Compact fanless embedded system with 4-core CPU



More details here

## Key Applications

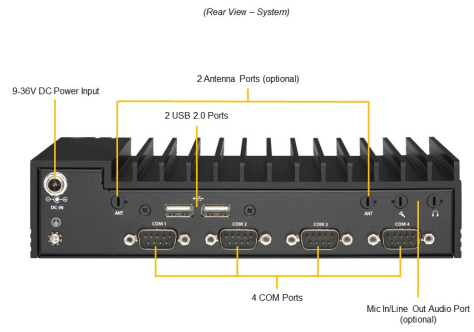
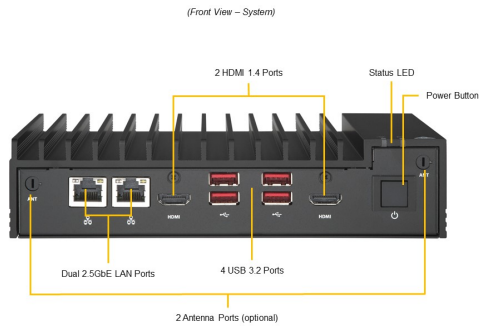
Industrial / Automation, Healthcare, Digital Signage Kiosk, Interactive info system, Retail,

## Key Features

- Intel® Atom® x7433RE (TDP 9W / 4C);
- DDR5-4800MT/s 1 DIMM max 16GB;
- 2x RJ45 2.5GbE (Intel i226-IT);
- Fanless supporting max 60°C with Fin Bottom Cover (Optional accessory);
- DC Jack lockable 9V~36V;
- 2x HDMI 1.4 ports, 4x USB3.2 ports and 2x USB2.0 ports, 4x COM ports (COM1/2 RS232/422/485 + COM3/4 RS232);
- M.2:1x M-Key 2242 / 2280 ,1x B-Key 2242 / 2280 (NANO SIM slot),1x E-Key 2230;



<b>Form Factor</b>	Fanless Embedded Rackmount Enclosure: 195 x 44 x 150mm (7.68" x 1.73" x 5.94") Package: 300 x 130 x 279mm (11.81" x 5.12" x 11")
<b>Processor</b>	Intel® Atom® x7433RE Up to 4C/4T; Up to 6MB Cache
<b>System Memory</b>	Slot Count: 1 DIMM slots/1 Channels Max Memory (1DPC): Up to 16GB 4800MT/s non-ECC DDR5 SO-DIMM
<b>Drive Bays Configuration</b>	1 M.2 PCIe 3.0 x1 SATA slot (B-key 2242/2280; USB 3.0) 1 M.2 PCIe 3.0 x1 NVMe slot (M-key 2242/2280)
<b>Expansion Slots</b>	1 M.2 PCIe 3.0 x1 SATA slot (B-key 2242/2280) 1 M.2 slot (E-key 2230(default)) 1 M.2 PCIe 3.0 x1 SATA slot (M-key 2242/2280)
<b>On-Board Devices</b>	Chipset: System on Chip Network Connectivity: 2 RJ45 2.5GbE with Intel® I226-IT
<b>Input / Output</b>	LAN: 2 RJ45 2.5 GbE LAN port(s) (Intel® I226) USB: 2 USB 2.0 Type-A port(s) (rear) 4 USB 3.2 Gen2 Type-A port(s) (Front) Video: 2 HDMI 1.4 port(s) (Front) Serial: 4 COM port(s) (Rear)



System Cooling	Fans: N/A
System BIOS	BIOS Type: AMI 256MB SPI Flash EEPROM
Management	Supermicro SuperDoctor® 5 (SD5)
Dimensions and Weight	Weight: Gross Weight: 4.3 lbs (1.95 kg) Net Weight: 2.16 lbs (0.98 kg) Available Color: Black
Operating Environment	RoHS Compliant Operating Temperature: -20°C ~ 50°C (-4°F ~ 122°F) Non-operating Temperature: -30°C to 60°C (-22°F to 140°F) Operating Relative Humidity: 8% to 80% (non-condensing) Non-operating Relative Humidity: 8% to 90% (non-condensing)
Motherboard	<a href="#">Super A4SAN-E-WOHS</a>
Chassis	CSE-E101-05