

# IoT SuperServer SYS-E50-14AM

Palm-size fanless embedded system with 4-core CPU



More details here

## Key Applications

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

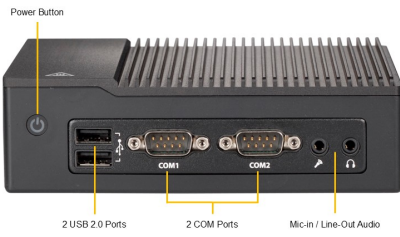
## Key Features

- Intel® Atom® Alder Lake-N N97 (TDP 7W / 4C);
- DDR5-4800MT/s 1 DIMM max 16GB;
- 1 M.2 PCIe 3.0 x1 SATA slot (B-key 2242/3042), 1 M.2 PCIe 3.0 x1 slot (E-key 2230);
- 2 RJ45 2.5GbE;
- Fanless Embedded chassis with 4.64" (118mm) depth;
- 2 USB 2.0 port(s) (front), 2 USB 3.2 Gen2 Type-A port(s) (Rear), 2 HDMI 1.4 port(s) (Rear);

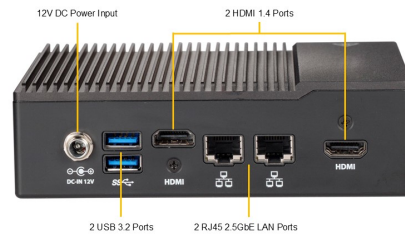


Form Factor	Fanless Embedded Enclosure: 148 x 44 x 118mm (5.82" x 1.72" x 4.64") Package: 139.7 x 241.3 x 203.2mm (5.5" x 9.5" x 8")
Processor	Intel® Processor N97 Up to 4C/12T; Up to 6MB Cache
System Memory	Slot Count: 1 DIMM slots/1 Channels Max Memory (1DPC): Up to 16GB 4800MT/s non-ECC DDR5 SO-DIMM
Drive Bays Configuration	Default: Total 1 bay <ul style="list-style-type: none"> <li>• 1 internal fixed 2.5" SATA drive bay</li> </ul> M.2: 1 M.2 PCIe 3.0 x1 SATA slot (B-key 2242/3042)
Expansion Slots	1 M.2 PCIe 3.0 x1 slot (E-key 2230; USB 2.0) 1 M.2 PCIe 3.0 x1 SATA slot (B-key 2242/3042; USB 3.0)
On-Board Devices	Chipset: System on Chip Network Connectivity: 2 RJ45 2.5GbE with Realtek
Input / Output	LAN: 2 RJ45 2.5 GbE LAN ports USB: 2 USB 2.0 ports(front) 2 USB 3.2 Gen2 Type-A ports(Rear) Video: 2 HDMI 1.4 ports(Rear) Serial: 2 COM ports(Front) TPM: 1 TPM Onboard/port 80

(Front View – System)



(Rear View – System)



System Cooling	Fans: N/A
Power Supply	1x 40W power supply
System BIOS	BIOS Type: AMI 256MB SPI Flash EEPROM
Management	Supermicro SuperDoctor® 5 (SD5)
Dimensions and Weight	Weight: N/A Available Color: Black
Operating Environment	RoHS Compliant Operating Temperature: 0°C to 45°C (32°F to 113°F) with 0.7 m/s airflow 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 A4SAP-H</a>
Chassis	<b>CSE-E50</b>