

IoT SuperServer SYS-E300-13AD



More details here

Key Applications

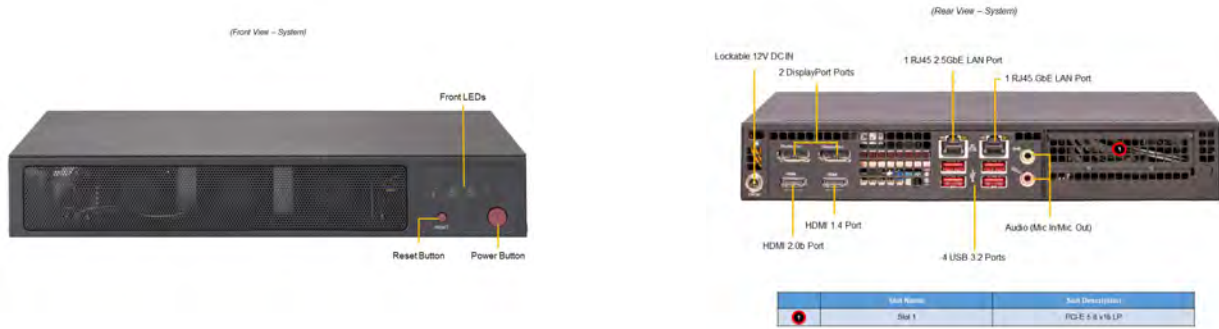
Digital Signage, AI Inference and Machine Learning, Surveillance Security Server, Medical Applications,

Key Features

- 12th Generation Intel® Core™ i9/i7/i5/i3/Pentium/Celeron Processor (LGA-1700);
- Intel® Q670E;
- 2x DDR4-3200MHz SO-DIMM max 64GB;
- Support M.2 M/E-Key; Support 1x PCIe 5.0 x16 Slot (Optional);
- AMT vPro Supported;
- Support up to 2x 2.5" drive bays (Optional);
- Quad Independent Display by 2x HDMI and 2x DP;



Form Factor	Mini-1U Rackmount Enclosure: 254 x 43 x 226mm (10" x 1.7" x 8.9") Package: 381 x 276 x 142mm (15" x 10.87" x 5.59")
Processor	12th Gen Intel Core i9/Core i7/Core i5/Core i3/Pentium/Celeron Processor Single Socket Socket FCLGA1700 supported
System Memory	2 DIMM slots Up to 64GB SO-DIMM, DDR4-3200MHz
Drive Bays	1x 2.5" SATA drive bays 1x E-Key 2230 (PCIe 3.0 x1 / USB2.0) 1x M-Key 2280 (PCIe 4.0 x4 (NVMe))
Expansion Slots	1 1x PCIe 5.0 x16 Low Profile slot(s) Note: Either support expansion slot or 2nd 2.5" drive. Need to order optional parts for riser card.
On-Board Devices	Chipset: Intel® Q670E Network Connectivity: 1x 1GbE BaseT with Intel® i210-AT 1x 2.5GbE GbE with Intel® I225-LM
Input / Output	SATA: 1 SATA (6Gbps) port(s) LAN: 1 RJ45 GbE (Intel® i210-AT) 1 RJ45 2.5 GbE (Intel® i225-LM) USB: 4 USB 3.2 Gen2 port(s) (4 USB) Others: 1x HDMI 2.0 1x HDMI 1.4 2x DisplayPort 1x Line Out 1x Mic In



System Cooling	2 heavy duty fan(s)
Power Supply	180W 12V Lockable DC Power Adapter
System BIOS	<p>BIOS Type: AMI 512MB UEFI AMI 512MB UEFI AMI 512MB UEFI AMI 512MB UEFI</p> <p>BIOS Features: PCI FW 3.0</p>
Management	SuperDoctor® 5; Watch Dog
PC Health Monitoring	<p>FAN: 3x 4-pin fan headers System level control PWM fan speed control Fan speed control 3 fans with tachometer status monitoring PWM fan speed control Overheat LED indication</p> <p>Temperature: CPU thermal trip support Peripheral temperature System temperature Memory temperature NVMe temperature Platform Environment Control Interface (PECI)/TSI</p>
Dimensions and Weight	<p>Height: 1.7" (43 mm) Width: 10" (254 mm) Depth: 8.9" (226 mm) Gross Weight: 3.7 lbs (1.68 kg) Net Weight: 2.76 lbs (1.25 kg) Packaging: 10.87" (H) x 15" (W) x 5.59" (D) Available Color: Black</p>
Operating Environment	<p>Operating Temperature: 0°C ~ 40°C (32°F ~ 104°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)</p>
Motherboard	Super X13SAV-LVDS
Chassis	CSE-E300