IoT SuperServer SYS-E200-12A-8C

Embedded Mini-ITX Box Based on 8-Core Intel Atom Processor C5000 SoC

More details here

Key Applications

Virtualization Server, Virtual-CPE White Box, Entry-level Network Appliance,

Key Features

- Optional Wall / Rack Mount Bracket, Dual System Tray;
- Intel® Atom® Parker Ridge processor C5325, TDP 41W;
- Up to 128GB ECC RDIMM DDR4-2933MHz, in 2 DIMM slots;
- 1x M.2 B-Key 3052, 1x M.2 M-Key 2280;
- 1x dedicated LAN for IPMI, 4x GbE RJ45 LAN ports, 2x 10GbE SFP+ LAN ports;
- Lockable 12V DC 150W Power Adapter;
- Intel® Quick Assist Technology;
- VGA via BMC, 2 USB 3.0 ports;



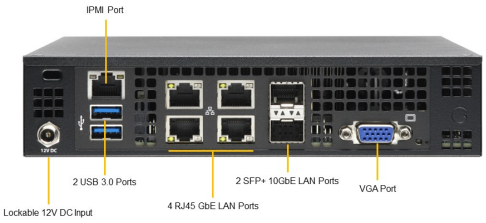
Form Factor	Mini-ITX Rackmount Enclosure: 195 x 43 x 225.8mm (7.68" x 1.69" x 8.89") Package: 380 x 285 x 139mm (14.96" x 11.22" x 5.47")
Processor	Single FCBGA-2106 Intel® Atom® processor C5325 8C/8T; 9MB Cache
System Memory	Slot Count: 2 DIMM slots Max Memory (2DPC): 128GB 2933MT/s ECC DDR4 RDIMM
Drive Bays Configuration	1 M.2 PCIe 3.0 x4 NVMe slot(s) (M-key 2280)
Expansion Slots	1 M.2 NVMe/SATA slot(s) (B-key 3052)
On-Board Devices	Chipset: Intel® SoC Network Connectivity: 4 RJ45 1GbE with Intel® C5000 SoC 2 SFP+ 10GbE with Intel® C5000 SoC
Input / Output	LAN: 1 RJ45 1 GbE Dedicated IPMI LAN port(s) 2 SFP+ 10 GbE LAN port(s) 4 RJ45 1 GbE LAN port(s) USB: 2 USB 3.0 port(s) Video: 1 VGA port(s)

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(Front View – System)



(Rear View – System)



System Cooling	Fans: 2x 4-PIN PWM 40x40x28mm Fan(s)
Power Supply	1x 150W power supply
System BIOS	BIOS Type: AMI 32MB UEFI BIOS Features: UEFI 2.7 ACPI 6.0 or later SMBIOS 3.0 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: 7.5 lbs (3.4 kg) Net Weight: 2.76 lbs (1.25 kg) Available Color: Black
Operating Environment	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)
Motherboard	**Super A3SPI-8C-LN6PF**
Chassis	**CSE-101F**

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