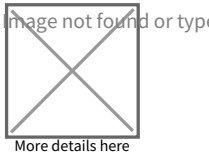


IoT SuperServer SYS-E200-12A-4C



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 C5315, TDP 38W;
- Up to 128GB ECC RDIMM DDR4-2400MHz, 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;

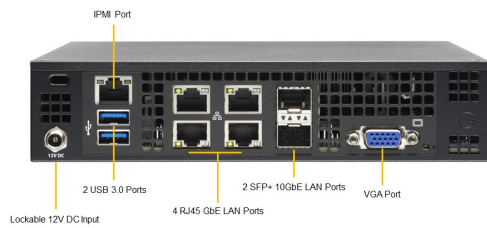


Form Factor	Mini-ITX Rackmount Enclosure: 195 x 43 x 225.8mm (7.68" x 1.69" x 8.89") Package: 380 x 285 x 139mm (14.96" x 11.22" x 5.47")
Processor	Single FCBGA-2106 Intel® Atom® processor C5315 4C/8T; 9MB Cache
System Memory	Slot Count: 2 DIMM slots Max Memory (2DPC): 128GB 2400MT/s ECC DDR4 RDIMM
Drive Bays	1x M-Key 2280 (PCIe 3.0 x4) 1x B-Key 3052 (PCIe 3.0 & SATA3 & USB3.0)
Expansion Slots	(1x 2280 M.2 NVMe)
On-Board Devices	Chipset: Intel® SoC Network Connectivity: 4x 1GbE BaseT or 2x 10GbE SFP+ with Intel® C5000 SoC
Input / Output	LAN: 1 RJ45 Dedicated IPMI LAN port 4 RJ45 Gigabit Ethernet LAN ports 2 SFP+ 10GbE USB: 2 USB 3.0 port(s) (2 USB) Video: 1 VGA port(s)

(Front View – System)



(Rear View – System)



System Cooling	Fans: 2x 4-PIN PWM 40x40x28mm Fan(s)
Power Supply	150W Level power supply
System BIOS	BIOS Type: AMI 32MB UEFI AMI 32MB UEFI AMI 32MB UEFI BIOS Features: SMBIOS 3.0 or later
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory FAN: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Temperature: CPU thermal trip support, PEPI
Dimensions and Weight	Height: 1.69" (43 mm) Width: 7.68" (195 mm) Depth: 8.89" (225.8 mm) Gross Weight: 7.5 lbs (3.4 kg) Net Weight: 2.76 lbs (1.25 kg) Packaging: 11.22" (H) x 14.96" (W) x 5.47" (D) 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-4C-LN6PF
Chassis	CSE-101F

Parts List

Standard Parts (Parts Included)

Motherboard / Chassis

Part Number	MBD-A3SPI-4C-LN6PF	CSE-101F
Qty	1	1
Description	Super A3SPI-4C-LN6PF Motherboard	Mini-ITX Chassis

Fan

Part Number	FAN-0065L4
Qty	1
Description	4028mm 13K RPM 4-PIN PWM FAN for SC813MF, SC113M

Power Supply

Part Number	MCP-250-10128-0N
Qty	1
Description	150W Lockable Power Adapter with US power cord

Parts

Part Number	MCP-260-00175-0B
Qty	1
Description	1U E300/E200 I/O Shield for A3SPI with EMI Gasket

Optional Parts List

Dual System Tray Bracket

Part Number	MCP-290-10119-0B
Qty	1
Description	Dual System Tray Bracket

Mounting Brackets

Part Number	MCP-290-10111-0B
Qty	1
Description	Wall-Mount Bracket Kit

Rack Mounting Brackets

Part Number	MCP-290-10110-0B
Qty	1
Description	Rack Bracket

[Global SKU \(/en/products/SMC_global_skus\)](#)