

IoT SuperServer SYS-E200-12D-4C

Embedded Mini-ITX Box Based on Intel Xeon D-1718T processor



More details here

Key Applications

Virtualization Server, Firewall Applications, Network Security Appliance, Embedded Networking Applications,

Key Features

- Intel® Xeon® Processor D-1718T, CPU TDP 46W;
- 2 DIMMs Slots; Up to 128GB DDR4-2666 ECC and Non-ECC RDIMM/UDIMM;
- 1x dedicated LAN for IPMI
 - 2x 10GbE Base-T LAN ports
 - 2x 25GbE SFP28 LAN ports;
- 1 M.2 PCIe 4.0 x4/SATA 3.0, M-Key 2280;



Form Factor

Mini-ITX
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 processor(s)
Intel® Xeon® Processor D-1718T
Up to 4C/8T; Up to 10MB Cache

System Memory

Slot Count: 2 DIMM slots
Max Memory (1DPC): Up to 128GB 2933MT/s ECC/non-ECC DDR4 RDIMM/UDIMM

Drive Bays Configuration

1 M.2 PCIe 4.0 x4 NVMe/SATA slot (M-key 2280)

On-Board Devices

Chipset: Intel® SoC
Network Connectivity: 2 RJ45 10GbE with Intel® X550-AT2
2 SFP28 25GbE
1 RJ45 1GbE with Realtek RTL8211F PHY (dedicated IPMI)

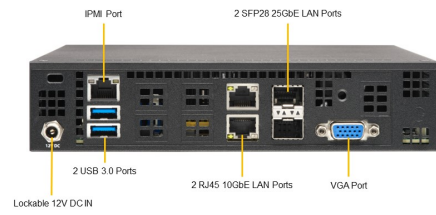
Input / Output

LAN: 1 RJ45 1 GbE Dedicated BMC LAN port
2 SFP28 25 GbE LAN ports
2 RJ45 10 GbE LAN ports (Intel® X550-AT2)
USB: 2 USB 3.0 Type-A ports(Rear)
Video: 1 VGA port(Rear)

(Front View - System)



(Rear View - System)



System Cooling	Fans: 3x 4-PIN PWM 40x40x28mm Fan(s)
Power Supply	1x 180W power supply
System BIOS	<p>BIOS Type: AMI 32MB SPI Flash</p> <p>BIOS Features: ACPI 6.0</p> <ul style="list-style-type: none"> Plug and Play (PnP) Riser Card audio detection support SM BIOS 3.0 or later
Management	<p>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!</p>
Dimensions and Weight	<p>Weight: Gross Weight: 7.5 lbs (3.4 kg)</p> <p>Net Weight: 2.76 lbs (1.25 kg)</p> <p>Available Color: Black</p>
Operating Environment	<p>Operating Temperature: 0°C to 40°C (32°F to 104°F)</p> <p>Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)</p> <p>Operating Relative Humidity: 8% to 90% (non-condensing)</p> <p>Non-operating Relative Humidity: 5% to 95% (non-condensing)</p>
Motherboard	Super X12SDV-4C-SPT4F
Chassis	CSE-101F