IoT SuperServer SYS-E200-12D-4C

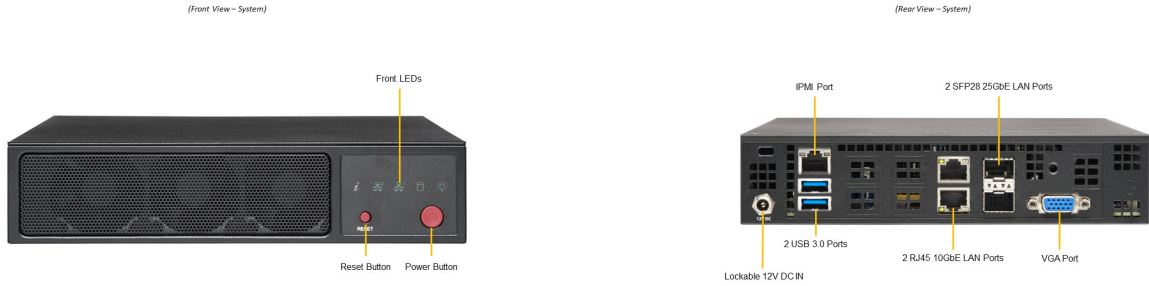Embedded Mini-ITX Box Based on Intel Xeon D-1718T processor

Key Applications

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

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)

Front LEDs

Reset Button Power Button

IPMI Port

2 SFP28 25GbE LAN Ports

2 USB 3.0 Ports

Lockable 12V DC IN

2 RJ45 10GbE LAN Ports

VGA Port

System Cooling	Fans: Up to 3x 4-PIN PWM 40x40x28mm Fan(s)
Power Supply	1x 180W power supply
System BIOS	BIOS Type: AMI 32MB SPI Flash BIOS Features: ACPI 6.0 　　　　　　　　Plug and Play (PnP) 　　　　　　　　Riser Card audio detection support 　　　　　　　　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 to 40°C (32°F to 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 X12SDV-4C-SPT4F**
Chassis	**CSE-101F**