IoT SuperServer SYS-510D-8C-FN6P

Intel Xeon D-1736NT processor, 8-Core, 200W Low Noise AC-DC PWS, 1U edge platform

More details here

Key Applications

Intel® QuickAssist Technology, Retail Application, Firewall, Gateway, uCPE,

Key Features

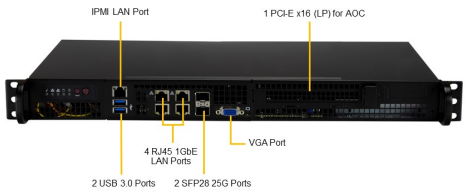


- Intel® Xeon® Processor D-1736NT, CPU TDP 67W;
- Up to 256GB Registered ECC RDIMM, DDR4-2933MHz, in 4 DIMM slots;
- 4x GbE and 2x 25G SFP28;
- 1x Internal 3.5" or 4x Internal 2.5" drive bays;
- 3x 40x28mm 4-PIN PWM fans;
- 200W Low-noise AC-DC power supply;
- 1x VGA, 2 USB 3.0;

Form Factor	Mini-1U Rackmount Enclosure: 437 x 43 x 249mm (17.2" x 1.7" x 9.8") Package: 655 x 155 x 465mm (25.8" x 6.1" x 18.3")
Processor	Single FCBGA-2227 Intel® Xeon® Processor D-1700 Series
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 256GB 2933MT/s ECC DDR4 RDIMM
Drive Bays Configuration	Default: Total 4 bay(s) • 4 internal fixed 2.5" SATA drive bay(s) M.2: 1 M.2 PCIe 3.0 x2 SATA slot(s) (B-key 2280/3042/3052; USB 3.0) 1 M.2 PCIe 3.0 x4 SATA slot(s) (M-key 2280) 1 M.2 PCIe 3.0 x1 SATA slot(s) (E-key 2230; USB 3.0)
Expansion Slots	Default • 1 PCIe 4.0 x16 FHFL slot(s)
On-Board Devices	Chipset: Intel® SoC Network Connectivity: 2 RJ45 1GBASE-T with Intel® I210 2 SFP28 25GbE with Intel® SoC 2 RJ45 1GBASE-T with Intel® I350-AM2
Input / Output	LAN: 1 RJ45 1 GbE Dedicated IPMI LAN port(s) 2 SFP28 25 GbE LAN port(s) (Intel® SOC) 2 RJ45 1 GbE LAN port(s) (Intel® I350-AM2) 2 RJ45 1 GbE LAN port(s) (Intel® I210-IT) USB: 2 port(s) Video: 1 VGA port(s)

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(Front View – System)



(Rear View – System)



System Cooling	Fans: 4x 4-PIN PWM 40x28mm Fan(s) (optional)
Power Supply	1x 200W Gold Level (91%) power supply
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!
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory FAN: Fans with tachometer monitoring Pulse Width Modulated (PWM) fan connectors Status monitor for speed control Temperature: CPU thermal trip support, PEPI Monitoring for CPU and chassis environment
Dimensions and Weight	Weight: Gross Weight: 10 lbs (4.54 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 X12SDV-8C-SP6F**
Chassis	**CSE-505-203B**

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