

# IoT SuperServer SYS-510D-8C-FN6P



More details here

## Key Applications

Intel® QuickAssist Technology,

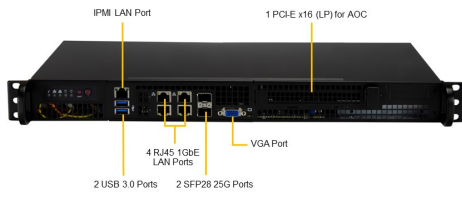
## Key Features

- 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; 1x M.2 M-Key 2280 (SATA/PCIe 3.0 x4) 1x M.2 B-Key 2280/3042/3052 (USB/SATA/PCIe 3.0 x2) 1x M.2 E-Key 2230 (PCIe 3.0 x1);
- 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	Intel® Xeon® Processor D-1700 Series Single Socket FCBGA-2227 supported TDP up to 67W;
System Memory	4 DIMM slots
Drive Bays	4x 2.5" SATA/PCIe drive bays 1 M.2 NVMe OR 2 M.2 SATA3 M,B,E, 2280/2230/3042/3052
Expansion Slots	1 PCIe Gen 4 x16 FHHL slot(s)
On-Board Devices	Chipset: Intel® SoC Network Connectivity: 4x 1GbE GbE 2x 25GbE SFP28 IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Input / Output	Video: 1 VGA port(s)

(Front View – System)



(Rear View – System)



System Cooling	3 heavy duty fan(s)
Power Supply	1U 200W Multi-output power supply Gold level w/20pin Dimension (W x H x L): 76.5 x 40.3 x 192.8 mm
Management	IPMI 2.0; SuperDoctor® 5
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	Height: 1.7" (43 mm) Width: 17.2" (437 mm) Depth: 9.8" (249 mm) Gross Weight: 10 lbs (4.54 kg) Packaging: 6.1" (H) x 25.8" (W) x 18.3" (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	<a href="#">Super X12SDV-8C-SP6F</a>
Chassis	<a href="#">CSE-505-203B</a>