

UP SuperServer SYS-510T-M



More details here

Key Applications

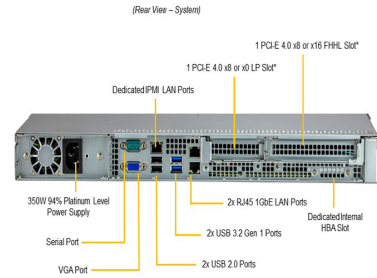
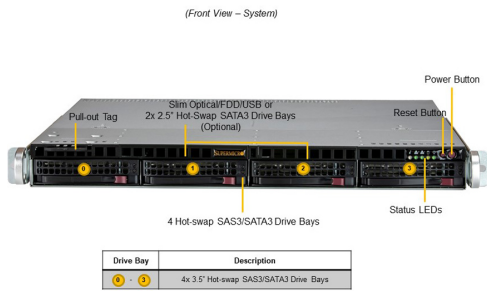
Web/Hosting Application, Email/Firewall/Print Server, General Purpose,

Key Features

- Single Socket H5 (LGA-1200) supports Intel® Xeon® E-2300 series, Intel® Pentium® processors;
- 4 DIMMs; Up to 128GB of DDR4 ECC UDIMM memory with speeds of up to 3200MHz;
- 1 PCIe 4.0 x16 or 2 PCIe 4.0 x8 (FHHL); 1 Dedicated Internal HBA slot;
- Intel® Ethernet Controller i210 2x 1GbE RJ45;
- 4x Hot-swap 3.5" SATA3 drive bays, SAS3 w/ additional SAS controller card;
- Onboard 1x NVMe M.2;
- Single Platinum 350W Power Supply;



Form Factor	<p>1U Rackmount</p> <p>Enclosure: 437 x 43 x 507mm (17.2" x 1.7" x 19.98")</p> <p>Package: 609.6 x 215.9 x 749.3mm (24" x 8.5" x 29.5")</p>
Processor	<p>Single Socket H5 (LGA 1200)</p> <p>Intel® Xeon® E-2300 series Processors and 10th Gen. Pentium® Processors</p> <p>Up to 8C/16T; Up to 16MB Cache per CPU</p> <p>Supports up to 95W TDP CPUs (Air Cooled)</p>
System Memory	<p>Memory Capacity: 4 DIMM slots</p> <p>Up to 128GB: 4x 32 GB DRAM</p> <p>Memory Type: 3200/2933/2666MHz ECC DDR4 UDIMM</p>
Drive Bays	<p>4x 3.5" SATA drive bays</p> <p>1x PCIe 3.0 x 4</p> <p>M-key, 2280, 22110</p>
Expansion Slots	<p>1 PCIe 4.0 x16 or x8 slot(s)</p> <p>1 PCIe 4.0 x0 or x8 (LP) [Auto Switch with Slot 1] slot(s)</p> <p>1 Dedicated Internal HBA Slot slot(s)</p> <p>(Pentium CPUs provide PCIe 3.0 only.)</p>
On-Board Devices	<p>SATA: SATA3 (6Gbps); RAID 0/1/5/10 support (Port 0-5)</p> <p>Chipset: Intel® C256</p> <p>Network Connectivity: 2x 1GbE BaseT with Intel® i210</p> <p>IPMI: Support for Intelligent Platform Management Interface v.2.0</p> <p>IPMI 2.0 with virtual media over LAN and KVM-over-LAN support</p>
Input / Output	<p>SATA: 8 SATA (6Gbps) port(s)</p> <p>LAN: 2 RJ45 1GbE LAN ports</p> <p>1 RJ45 Dedicated IPMI LAN port</p> <p>USB: 6 USB 2.0 port(s) (2 rear; 4 headers)</p> <p>5 USB 3.2 Gen 1 port(s) (2 rear; 2 headers; 1 Type A)</p> <p>Video: 1 VGA port(s)</p> <p>Serial Port: 2 COM Port(s) (1 header; 1 rear)</p> <p>DOM: 2 SuperDOM (Disk on Module) port with built-in power</p>



* Platinum CPUs provide PCIe 3.0 only

System Cooling Fans: 2 AOC cooling Fan(s) (optional)
4 middle cooling PWM 40x40x28mm Fan(s)

Power Supply 350W Platinum Level power supply

System BIOS BIOS Type: AMI 32MB SPI Flash EEPROM

Management Redfish API; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; IPMI 2.0

PC Health Monitoring

- CPU: Monitors for CPU Cores, Chipset Voltages, Memory
6 + 2 + 1 Phase-switching voltage regulator
- FAN: Fans with tachometer monitoring
Status monitor for speed control
Pulse Width Modulated (PWM) fan connectors
- Temperature: Monitoring for CPU and chassis environment
Thermal Control for fan connectors

Dimensions and Weight

- Height: 1.7" (43 mm)
- Width: 17.2" (437 mm)
- Depth: 19.98" (507 mm)
- Gross Weight: 30.4 lbs (13.8 kg)
- Net Weight: 17.6 lbs (8 kg)
- Packaging: 8.5" (H) x 24" (W) x 29.5" (D)
- Available Color: Black

Operating Environment

- Operating Temperature: 10°C ~ 35°C (50°F ~ 95°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 X12STH-SYS](#)

Chassis CSE-813MF2TS-350RCBP