

# UP SuperServer SYS-110T-M

1U UP mainstream with 8 hot-swap 2.5" drive bays



More details here

## Key Applications

Web/Hosting Application, Database Processing and Storage, Encoding  
Decoding,

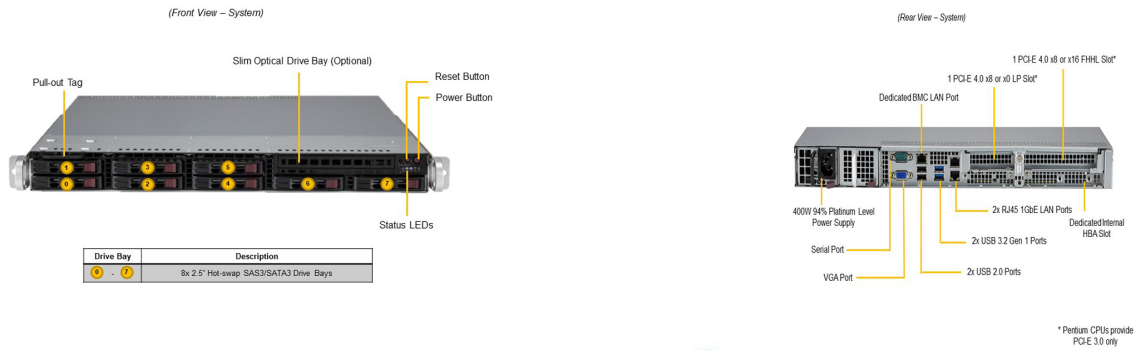
## Key Features

- 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;
- Default single Platinum 400W Power Supply; Optional redundant power by adding 1x Power Supply Module;



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| Form Factor              | 1U Rackmount<br>Enclosure: 437 x 43 x 507mm (17.2" x 1.7" x 19.98")<br>Package: 609.6 x 215.9 x 749.3mm (24" x 8.5" x 29.5")                                                                                                                                                                                                                                                                                         |
| Processor                | Single Socket H5 (LGA-1200)<br>Intel® Xeon® E-2300 series Processors and 10th Gen. Pentium® Processors<br>Up to 8C/16T; Up to 16MB Cache                                                                                                                                                                                                                                                                             |
| GPU                      | Max GPU Count: Up to 1 single-width GPU<br>CPU-GPU Interconnect: PCIe 4.0 x16 CPU-to-GPU Interconnect                                                                                                                                                                                                                                                                                                                |
| System Memory            | Slot Count: 4 DIMM slots<br>Max Memory (2DPC): Up to 128GB 3200MT/s ECC DDR4 UDIMM                                                                                                                                                                                                                                                                                                                                   |
| Drive Bays Configuration | Default: Total 8 bays <ul style="list-style-type: none"> <li>• 8 front hot-swap 2.5" SATA drive bays</li> </ul> M.2: 1 M.2 PCIe 3.0 x4 SATA slot (M-key 2280/22110)                                                                                                                                                                                                                                                  |
| Expansion Slots          | Default <ul style="list-style-type: none"> <li>• 1 PCIe 4.0 x8 FHHL slot</li> <li>• 1 PCIe 4.0 x8 LP slot</li> </ul> Option A <ul style="list-style-type: none"> <li>• 1 PCIe 4.0 x16 FHHL slot</li> </ul>                                                                                                                                                                                                           |
| On-Board Devices         | SATA: SATA (6Gbps) ; RAID 0/1/5/10 support<br>Network Connectivity: 2 RJ45 1GbE with Intel® I210<br>BMC: ASPEED AST2600 BMC                                                                                                                                                                                                                                                                                          |
| Input / Output           | LAN: 2 RJ45 1 GbE LAN ports<br>1 RJ45 1 GbE Dedicated BMC LAN port (IPMI shared on LAN port 1)<br>USB: 4 USB 2.0 ports (header)<br>2 USB 3.2 Gen1 Type-A ports (rear)<br>2 USB 2.0 Type-A ports (rear)<br>2 USB 3.2 Gen1 ports (Header)<br>1 USB 3.2 Gen1 Type-A port (Header)<br>Video: 1 VGA port<br>Serial: 1 COM port (Rear)<br>1 COM port (Header)<br>DOM: 2 SuperDOM (Disk on Module) portswith built-in power |





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| System Cooling        | Fans: Up to 4 middle cooling PWM 40x40x28mm Fan(s)<br>Up to 2 AOC cooling Fan(s) (optional)<br>Air Shroud: 1 Air Shroud                                                                                                                                                                                                         |
| Power Supply          | 1x 400W Redundant Platinum Level (94%) power supply                                                                                                                                                                                                                                                                             |
| System BIOS           | BIOS Type: AMI 32MB SPI Flash EEPROM                                                                                                                                                                                                                                                                                            |
| Management            | SuperCloud Composer® (SCC); Supermicro Server Manager (SSM); Supermicro Update Manager (SUM);<br>Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS);<br>SuperServer Automation Assistant (SAA) New!                                                                          |
| PC Health Monitoring  | CPU: 6 + 2 + 1 Phase-switching voltage regulator<br>Monitors for CPU Cores, Chipset Voltages, Memory<br>Fan: Fans with tachometer monitoring<br>Pulse Width Modulated (PWM) fan connectors<br>Status monitor for speed control<br>Temperature: Monitoring for CPU and chassis environment<br>Thermal Control for fan connectors |
| Dimensions and Weight | Weight: Gross Weight: 30.4 lbs (13.8 kg)<br>Net Weight: 17.6 lbs (8 kg)<br>Available Color: Black                                                                                                                                                                                                                               |
| Operating Environment | Operating Temperature: 10°C to 35°C (50°F to 95°F)<br>Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)<br>Operating Relative Humidity: 8% to 90% (non-condensing)<br>Non-operating Relative Humidity: 5% to 95% (non-condensing)                                                                                       |
| Motherboard           | <a href="#">Super X12STH-SYS</a>                                                                                                                                                                                                                                                                                                |
| Chassis               | CSE-113MFTS-407RCBP-1P                                                                                                                                                                                                                                                                                                          |