UP SuperServer SYS-510T-WTR

More details here

Key Applications

Virtualization, Cloud Computing, Enterprise Server, Data Center Optimized,

Key Features

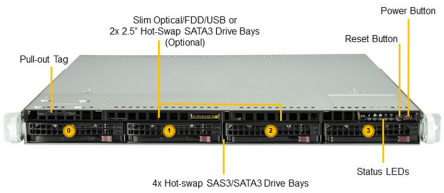
- Single Socket H5 (LGA-1200) supports Intel® Xeon® E-2300 series, Intel® Pentium® processors;
- 4 DIMMs; Up to 128GB of DDR4 ECC UDIMM memory with speeds of up to 3200MHz;
- 1 PCIe 4.0 x16 or 2 PCIe 4.0 x8 (FHFL); 1 PCIe 3.0 x4 (in x8 LP);
- Intel® Ethernet Controller X550 2x 10GbE RJ45;
- 4x hot-swap 3.5'' SATA3 drive bays, SAS3 with additional controller card; Onboard 2x NVMe M.2 (with Xeon CPU) or 1x NVMe M.2 (with Pentium CPU);
- Redundant Platinum 500W Power Supply;



Form Factor	1U Rackmount Enclosure: 437 x 43 x 650mm (17.2" x 1.7" x 25.6") Package: 596.9 x 215.9 x 855.98mm (23.5" x 8.5" x 33.7")
Processor	Support Intel® Xeon® E-2300 series Processors and 10th Gen. Pentium® Processors Single Socket LGA 1200 (Socket H5) supported TDP up to 95W;
System Memory	4 DIMM slots ECC UDIMM, DDR4-3200MHz
Drive Bays	4x 3.5" SATA drive bays 1x PCIe 3.0 x 4 1x PCIe 4.0 x 4 (with Xeon CPU) M-key, 2280, 22110
Expansion Slots	1 PCIe 4.0 x16 or x8 slot(s) 1 PCIe 4.0 x0 or x8 (FHFL) [Auto Switch with Slot 1] slot(s) 1 PCIe 3.0 x4 slot(s) (Pentium CPUs provide PCIe 3.0 only.)
On-Board Devices	SATA: SATA3 (6Gbps); RAID 0/1/5/10 support (Port 0-5) Chipset: Intel® C256 Network Connectivity: 2x 10GbE BaseT with Intel® X550 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	SATA: 8 SATA (6Gbps) port(s) LAN: 2 RJ45 10GbE LAN ports 1 RJ45 Dedicated IPMI LAN port USB: 6 USB 2.0 port(s) (2 rear; 4 headers) 4 USB 3.2 Gen 1 port(s) (2 rear; 2 headers) 1 USB 3.2 Gen 2 port(s) (1 Type A) Video: 1 VGA port(s) Serial Port: 2 COM Port(s) (1 header; 1 rear) DOM: 2 SuperDOM (Disk on Module) port with built-in power

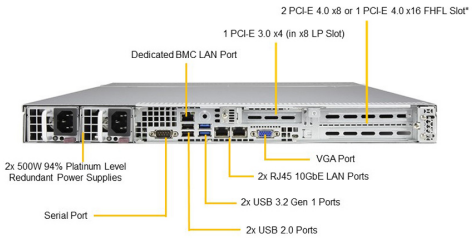
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(Front View – System)



Drive Bay	Description
0 - 3	4x 3.5" Hot-swap SAS3/SATA3 Drive Bays

(Rear View – System)



* Pentium CPUs provide PCI-E 3.0 only

System Cooling	4x (4cm x 4cm x 5.6cm) heavy duty fan(s) 4x (4cm x 4cm x 5.6cm) heavy duty fan(s)
Power Supply	AC-DC/DC-DC 500W, Platinum efficiency, AC inlet: C14,RoHS Dimension (W x H x L): 54.5 x 40.25 x 320 mm Output Type: Gold Finger Connector
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	NMI; SUM; KVM with dedicated LAN; SPM; Intel® Node Manager; SSM; Redfish API; IPMI2.0
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: 25.6" (650 mm) Gross Weight: 48 lbs (21.77 kg) Net Weight: 24 lbs (10.89 kg) Packaging: 8.5" (H) x 23.5" (W) x 33.7" (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 X12STW-TF
Chassis	CSE-815TS-R504WBP7

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