## **UP SuperServer SYS-510T-WTR**



## More details he

## **Key Applications**

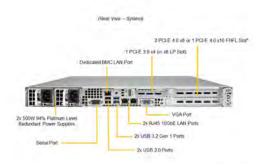
Virtualization, Cloud Computing, Enterprise Server, Data Center Optimized,

## **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 PCle 4.0 x16 or 2 PCle 4.0 x8 (FHFL); 1 PCle 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 PCle 3.0 x 4
	1x PCle 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





 Pentium CPUs provide PCLE 3.0 poly

System Cooling	4x (4cm x 4cm x 5.6cm) heavy duty fan(s)
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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