

UP Workstation SYS-540A-TR



More details here

Key Applications

Deep Learning/AI/Machine Learning Development,

Key Features

- Supports 3rd Gen Intel® Xeon® Scalable or Xeon® W-3300 Processors with TDP up to 270W;
- 7 PCIe 4.0 Slots;
- 1x 10GBase-T, 1x 1GbE, and 1x dedicated IPMI LAN ports;
- 4x 92mm hot-swap fan(s) 2x 80mm rear hot-swap exhaust PWM fan(s);
- 2200W Redundant (1+1) Power Supplies Titanium Level Certified;



Form Factor	Full-Tower Rackmount Enclosure: 178 x 460 x 673mm (7" x 18.1" x 26.5") Package: 685.8 x 322.6 x 952.5mm (27" x 12.7" x 37.5")
Processor	3rd Gen Intel® Xeon® Scalable processors Single Socket LGA-4189 (Socket P+) supported TDP up to 270W; Intel® Xeon® W-3300 processors Single Socket LGA-4189 (Socket P+) supported TDP up to 270W;
System Memory	16 DIMM slots Up to 4TB ECC LRDIMM, DDR4-3200MHz
Drive Bays	8x 3.5" hot-swap SATA drive bays 4x PCIe 4.0 x4
Expansion Slots	7 PCIe 3.0 x16 FHFL slot(s) Note: PClex16 Slot#1 shares with M.2, Slot#2 shares with Slot#3(NA/16,8/8), Slot#4 shares with Slot#5(NA/16,8/8), Slot#6 shares with Slot#7(NA/16,8/8)
On-Board Devices	Chipset: Intel® C621A Network Connectivity: 1x 1GbE BaseT with Intel® I210-AT 1x 1GbE BaseT with Realtek RTL8211F PHY (dedicated IPMI) 1x 10GbE BaseT with Marvell AQC113 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) USB: 4 USB 2.0 port(s) (2 via header; 2 rear) 6 USB 3.2 Gen 1 port(s) (4 rear; 2 via header) 1 USB 3.2 Gen 2x2 port(s) (1 rear) 2 USB 3.2 Gen 2 port(s) (1 rear Type A; 1 rear Type C) Video: 1 VGA port(s)



System Cooling	4x 92mm hot-swap fans; 2x 80mm rear hot-swap exhaust PWM fans
Power Supply	2200W Redundant Power Supplies with PMBus Dimension (W x H x L): 76 x 40 x 336 mm Output Type: Backplanes (gold finger)
System BIOS	BIOS Type: AMI 256MB SPI Flash
Management	Watch Dog; SUM; SuperDoctor 5; IPMI 2.0; KVM with dedicated LAN; SPM
PC Health Monitoring	Voltage: +1.8V, +12V, +3.3V, +5V, +5V standby, 10 -fan status, 3.3V standby, HT, Memory, VBAT
Dimensions and Weight	Height: 18.1" (460 mm) Width: 7" (178 mm) Depth: 26.5" (673 mm) Gross Weight: 57 lbs (25.85 kg) Net Weight: 52.9 lbs (24 kg) Packaging: 12.7" (H) x 27" (W) x 37.5" (D) Available Color: black
Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	Super X12SPA-TF
Chassis	CSE-747BTS-R2K20BP