UP Workstation SYS-551A-T

UP full rackmount tower workstation for product design and engineering simulation

More details here

Key Applications

Product Design and Engineering Simulation,

Key Features

- Socket E (LGA4677) support Intel® Xeon® W-3400 processors;
- Intel® W790;
- 16 DIMMs;
- Single 1GbBaseT, Single 10GbBaseT;
- 2 2.5" SATA3 drive bays; 4 3.5" SATA3 drive bays; 4 M.2 NVMe
  2 U.2 PCIe 3.0 for NVMe 2.5" Drives (optional cable required);
- 1 120 mm Fan(s) ; 2 120 mm Fan(s);
- 2000W Power Supplies Platinum Level (%+);

Form Factor	5U (Full Tower) Rackmount Enclosure: 222 x 535 x 573mm (8.74" x 21.06" x 22.56") Package: 372 x 708 x 724mm (14.6" x 27.8" x 28.5")
Processor	Single processor(s) Intel® Xeon® W-3500/W-3400 processors 60C/128T
GPU	Max GPU Count: Up to 1 quad-width or 1 triple-width or 4 double-width or 4 single-width GPUs Supported GPU: NVIDIA PCIe: NVIDIA RTX PRO™ 4000 Blackwell, NVIDIA RTX PRO™ 5000 Blackwell, NVIDIA RTX PRO™ 6000 Blackwell Max-Q Workstation Edition, NVIDIA RTX PRO™ 6000 Blackwell Workstation Edition, RTX 4080, RTX 4090, RTX 6000 Ada Generation, RTX A2000, RTX A4000, RTX A4500, RTX A5000, RTX A6000, T1000 NVIDIA: GeForce RTX 5070, GeForce RTX 5080, GeForce RTX 5090
System Memory	Slot Count: 16 DIMM slots Max Memory (2DPC): 2TB 4800MT/s ECC DDR5 RDIMM/LRDIMM
Drive Bays Configuration	Default: Total 6 bays • 4 internal fixed 3.5" NVMe*/SATA drive bays • 2 front fixed 2.5" SATA drive bays (*NVMe support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 4 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280/22110) Peripheral Bays: 2 5.25" bays
Expansion Slots	Default • 6 PCIe 5.0 x16 FHFL slots
On-Board Devices	SATA: SATA (6Gbps) Chipset: Intel® W790 Network Connectivity: 1 RJ45 10GbE with Marvell® AQC113 1 RJ45 1GbE with Intel® I210-AT
Input / Output	USB: 2 USB 2.0 ports (rear) 2 USB 2.0 Type-A ports (front) 2 Type-A ports (Front) Video: 1 VGA port

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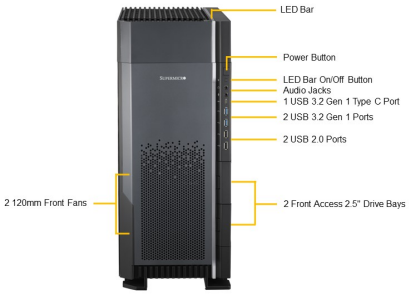
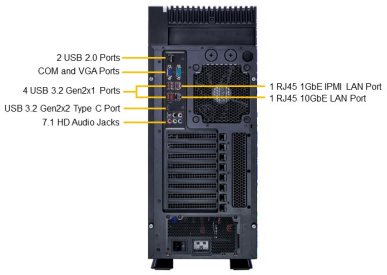
(Front View – System)



(Rear View – System)



	Slot Description
1 – 4	PCIe 5.0 x16 (FHFL); Supports up to 4 Double-Width GPUs

System Cooling	Fans: Up to 1x 120mm Fan(s) Up to 2x 120mm Fan(s)
Power Supply	1x 2000W Platinum Level (92%) power supply
System BIOS	BIOS Type: AMI 256MB SPI Flash
Management	SuperCloud Composer® (SCC); Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
PC Health Monitoring	Voltage: +1.8V, +12V, +3.3V, +5V, +5V standby, 10 -fan status, 3.3V standby, HT, Memory, VBAT
Dimensions and Weight	Weight: Gross Weight: 44.09 lbs (20 kg) Net Weight: 39.68 lbs (18 kg) Available Color: Black
Operating Environment	Operating Temperature: 10°C to 35°C (50°F to 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 X13SWA-TF**
Chassis	**CSE-GS7A-2000B**

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