

UP Workstation SYS-551A-T

UP full rackmount tower workstation for product design and engineering simulation



Key Applications

Product Design and Engineering Simulation,

Key Features

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



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| 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 2 quad-width or 2 triple-width or 4 double-width or 4 single-width GPUs Supported GPU: NVIDIA PCIe: T1000, RTX A6000, RTX A5000, RTX A4500, RTX A4000, RTX A2000, RTX 6000 Ada Generation, RTX 4090, RTX 4080 |
| System Memory | Slot Count: 16 DIMM slots Max Memory (2DPC): 2TB 4800MT/s ECC DDR5 RDIMM/LRDIMM |
| Drive Bays Configuration | Default: Total 4 bays <ul style="list-style-type: none"> • 4 internal fixed 3.5" SATA drive bays M.2: 4 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280/22110) Peripheral Bays: 2 5.25" bays |
| Expansion Slots | Default <ul style="list-style-type: none"> • 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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| System Cooling | Fans: 1x 120mm Fan(s) 2x 120mm Fan(s) |
| Power Supply | 1x 2000W Platinum Level (92%) power supply |
| System BIOS | BIOS Type: AMI 256MB SPI Flash |
| Management | SuperCloud Composer; 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: 39 lbs (17.74 kg) Net Weight: 20 lbs (14.9 kg) 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 | <u>Super X13SWA-TF</u> |
| Chassis | <u>CSE-GS7A-2000B</u> |