

UP Workstation SYS-531A-I

UP mid-tower workstation for 3D and VR content development



More details here

Key Applications

2D/3D Content Creation, VR Content Development,

Key Features

- Socket E (LGA4677) support Intel® Xeon® W-2400 processors;
- Intel® W790;
- 8 DIMMs;
- 1x 1GbBaseT, 1x 10GbBaseT;
- 4 3.5" SATA3 drive bays; ; 2 M.2 NVMe;
- 1 120 mm Fan(s) ; 1 120 mm Fan(s);
- 1200W Power Supplies Platinum Level (92%+);



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| Form Factor | Mid-Tower Enclosure: 193 x 424 x 525.3mm (7.6" x 16.7" x 20.68") Package: 304 x 543 x 642mm (11.97" x 21.38" x 25.28") |
| Processor | Single processor(s) Intel® Xeon® W-2500/W-2400 processors Up to 26C/52T; Up to 48.75MB Cache |
| GPU | Max GPU Count: Up to 2 double-width GPUs Supported GPU: NVIDIA PCIe: A1000, NVIDIA RTX PRO™ 6000 Blackwell Max-Q Workstation Edition, RTX 2000 Ada, RTX 4000 Ada Generation, RTX 4500 Ada, RTX 5000 Ada, RTX 6000 Ada Generation, RTX A4500, RTX A5500, RTX A6000 |
| System Memory | Slot Count: 8 DIMM slots Max Memory (2DPC): Up to 1TB 4800MT/s ECC DDR5 RDIMM/LRDIMM |
| Drive Bays Configuration | Default: Total 4 bays • 4 internal fixed 3.5" SATA drive bays M.2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280/22110) Peripheral Bays: 2 5.25" bays |
| Expansion Slots | Default • 1 PCIe 4.0 x4 FHFL slot • 3 PCIe 5.0 x16 FHFL slots |
| On-Board Devices | SATA: SATA (6Gbps) Network Connectivity: 1 RJ45 10GbE with Marvell® AQC113 1 RJ45 1GbE with Intel® I210-AT |
| Input / Output | USB: 2 USB 3.2 Gen1 Type-A ports(front) 4 USB 3.2 Gen2 Type-A ports(Rear) 1 USB 3.2 Gen2 Type-C port(Rear) 1 USB 3.2 Gen2 Type-C port(Front) Video: 1 VGA port Serial: 1 COM port(rear) Audio: 7.1 HD Audio |



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| System Cooling | Fans: Up to 1x 120mm Fan(s) Up to 1x 120mm Fan(s) |
| Power Supply | 1x 1200W Platinum Level (94%) 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: 30 lbs (13.61 kg) Net Weight: 27 lbs (12.25 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 | <u>Super X13SRA-TF</u> |
| Chassis | CSE-735D4-1K26B |