

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%+);



Form Factor

Mid-Tower Rackmount
 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 Socket E (LGA-4677)
 Intel® Xeon® W-2400 processors

GPU

Max GPU Count: Up to 2 double-width GPUs
 Supported GPU: NVIDIA PCIe: RTX A5500, RTX A6000, RTX A4500, RTX 6000 Ada Generation

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)
 Chipset: Intel® W790
 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 port(s) (front)
 1 USB 3.2 Gen2 Type-C port(s) (Rear)
 1 USB 3.2 Gen2 Type-C port(s) (Front)
 4 USB 3.2 Gen2 Type-A port(s) (Rear)
 Video: 1 VGA port(s)
 Serial: 1 COM port(s) (Rear)
 Audio: 7.1 HD Audio



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