

UP Workstation SYS-531A-IL

UP mid-tower workstation for 3D design and content creation



Key Applications

Designed for CAD and 3D Modeling Applications, 2D/3D Content Creation, VR Content Development,

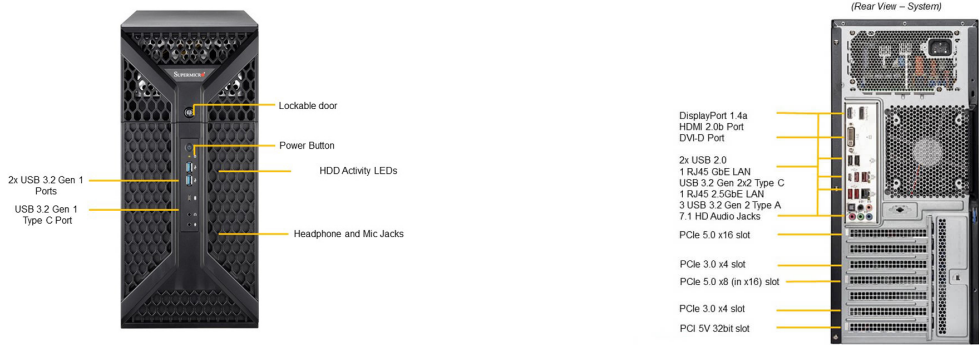
Key Features

- Supports 14th/13th/12th Gen. Intel® Core™ i Processors;
- Dual LAN ports, 1 GbE and 2.5 GbE;
- 12cm PWM quiet exhaust fan and optional 12cm front intake fan;
- 668W 80PLUS Platinum Power Supply;



Form Factor	Mid-Tower Enclosure: 193 x 424 x 536mm (7.6" x 16.7" x 21.1") Package: 543 x 304 x 642mm (21.38" x 11.97" x 25.28")
Processor	Single LGA-1700 14th/13th/12th Gen Intel® Core™ i9/i7/i5/i3 Processors Up to 24C/32T; Up to 36MB Cache
GPU	Max GPU Count: Up to 1 double-width GPU Supported GPU: NVIDIA PCIe: RTX 2000 Ada, RTX 4000 Ada Generation, RTX 5000 Ada, RTX A2000, RTX A4000, RTX A4500, RTX A5000, RTX A5500, RTX A6000, T1000, T400
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 192GB 4400MT/s non-ECC DDR5 UDIMM
Drive Bays Configuration	Default: Total 4 bays • 4 internal fixed 3.5" SATA drive bays M.2: 3 M.2 PCIe 4.0 x4 NVMe slots (M-key 2280) Peripheral Bays: 2 5.25" bays
Expansion Slots	Default • 2 PCIe 3.0 x4 FHFL slots • 2 PCIe 5.0 x8 (in x16) FHFL slots Option A • 2 PCIe 3.0 x4 FHFL slots • 1 PCIe 5.0 x16 FHFL slot
On-Board Devices	SATA: SATA (6Gbps) Chipset: Intel® W680 Network Connectivity: 1 RJ45 1GbE with Intel® I219-LM 1 RJ45 2.5GbE with Intel® I225-V
Input / Output	USB: 2 USB 2.0 Type-A ports (rear) 2 USB 3.2 Gen1 Type-A ports (front) 1 USB 3.2 Gen2 Type-C port (Rear) 1 USB 3.2 Gen2 Type-C port (Front) 3 USB 3.2 Gen1 Type-A ports (Rear)

Video: 1 DVI-D port
1 DisplayPort 1.4a port
1 port(s) supporting 4K@60Hz as specified in HDMI® 2.0b (Rear)
Audio: 7.1 HD Audio
TPM: 1 TPM header



System Cooling	Fans: Up to 1x 120mm Fan(s) Up to 1x 120mm Fan(s) (optional)
Power Supply	1x 668W 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: +1.0V PCH, +1.8V PCH, +12V, +3.3V, +5V, +5V standby, 1.05 (PCH), 3.3V standby, 5 (4-pin), CPU, CPU temperature, CPU thermal trip support, PCH temperature, System temperature, VBAT, VRM temperature
Dimensions and Weight	Weight: Gross Weight: 30 lbs (13.61 kg) Net Weight: 28 lbs (12.7 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 X13SAE
Chassis	CSE-735D4-668B