

# SuperWorkstation SYS-532AW-C

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

- Intel® Core™ Ultra 9/7/5 Processors up to 125W with air cooling or optional liquid cooling;
- Supports for up to 1 double-width or triple-width GPU;
- Supporting up to 192GB DDR5-5600;
- 1 HDMI 2.1\*, 1 DP 2.1\*\*, 1 Thunderbolt™ 4.0 Type-C® \*Supports data rates of up to 10 Gbps;
- 2 PCIe NVMe M.2 and 2 PCIe 4.0 NVMe U.2;
- 2 PCIe 5.0 x16 FHFL + 1 PCIe 4.0 x4 slots;
- 1 RJ45 2.5GbE + 1 RJ45 1GbE (AMT/vPro);
- 1 1000W Gold Level Power Supply;



<b>Form Factor</b>	Mid-Tower Enclosure: 205 x 450 x 470mm (8.07" x 17.72" x 18.5") Package: 325 x 617 x 590mm (12.8" x 24.29" x 23.23")
<b>Processor</b>	Single LGA-1851 Intel® Core™ Ultra 9/7/5 (Series 2) processors Up to 24C/24T; Up to 36MB Cache
<b>GPU</b>	Max GPU Count: Up to 1 triple-width or 1 double-width GPU Supported GPU: NVIDIA: GeForce RTX 5070, GeForce RTX 5080, GeForce RTX 5090 NVIDIA PCIe: NVIDIA RTX PRO™ 6000 Blackwell Workstation Edition, RTX 5000 Ada, RTX 6000 Ada Generation
<b>System Memory</b>	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 192GB 5600MT/s ECC/non-ECC DDR5 UDIMM
<b>Drive Bays Configuration</b>	Default: Total 6 bays <ul style="list-style-type: none"> <li>• 2 internal fixed 3.5"/2.5" SATA drive bays</li> <li>• 4 internal fixed 2.5" NVMe*/SATA drive bays</li> </ul> (*NVMe support may require additional storage controller and/or cables) M.2: 1 M.2 PCIe 4.0 x4 NVMe slot (M-key 22110(default)/2280) 1 M.2 PCIe 5.0 x4 NVMe slot (M-key 2280(default))
<b>Expansion Slots</b>	PCI-Express (PCIe) Configuration: Default <ul style="list-style-type: none"> <li>• 2 PCIe 5.0 x8 (in x16) FHFL slots</li> <li>• 1 PCIe 4.0 x4 (in x4) FHHL slot</li> </ul> Option A <ul style="list-style-type: none"> <li>• 1 PCIe 5.0 x16 (in x16) FHFL slot</li> <li>• 1 PCIe 4.0 x4 (in x4) FHHL slot</li> </ul> M.2: 1 M.2 PCIe 5.0 x4 NVMe slot (M-key 2280(default)) 1 M.2 PCIe 4.0 x4 NVMe slot (M-key 22110(default)/2280)
<b>On-Board Devices</b>	SATA: SATA (6Gbps) via Intel® W880; RAID 0/1/5/10 support Chipset: Intel® W880 Network Connectivity: 1 RJ45 1GbE with Intel® I219-LM 1 RJ45 2.5GbE with Intel® I226-LM
<b>Input / Output</b>	USB: 2 USB 3.2 Gen1 Type-A ports(front) 3 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)  
1 Thunderbolt™ 4 Type-C port(Rear)  
Video: 1 HDMI 2.1 port(Rear)  
1 DisplayPort 2.1 port(Rear)  
Audio: 7.1 HD Audio  
TPM: 1 TPM Onboard TPM & TPM Header

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System Cooling	Fans: Up to 4x 120mm Fan(s)
Power Supply	1x 1000W Gold Level (90%) power supply
System BIOS	BIOS Type: AMI 256MB SPI Flash
Management	Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO)
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: 19.2 lbs (8.7 kg) Net Weight: 14.1 lbs (6.4 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	<a href="#">Super X14SAE</a>
Chassis	CSE-GS3A-000NBP