



UP Workstation SYS-C542i-11682U

Mid-tower desktop AI PC optimized for fast, efficient, and accessible AI

Key Applications

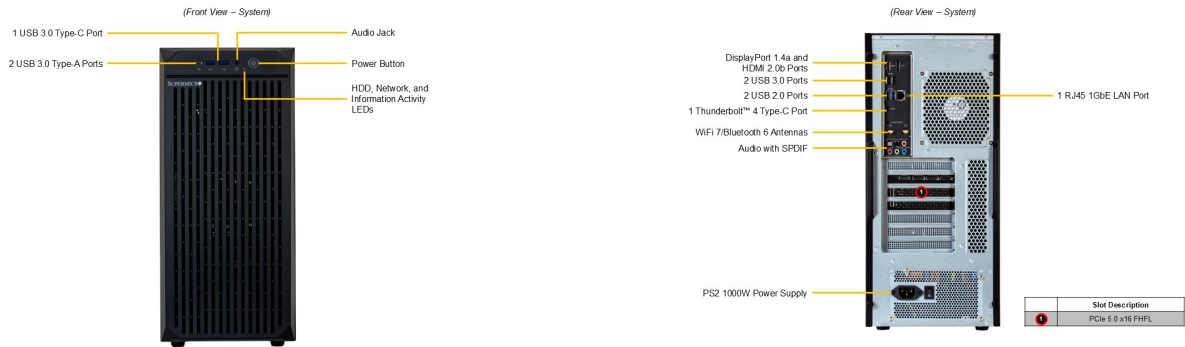
Artificial Intelligence (AI), 3D Graphics / Workstation, Visualization / Simulation, 2D/3D Content Creation,

Key Features

- Single LGA-1851 Intel® Core™ Ultra 9/7/5 (Series 2) processors up to 65W with air cooling;
- Includes 1 NVIDIA RTX 5080 GPU;
- Up to 4 DIMMs supporting up to 256GB DDR5-5600 in 1DPC;
- Single LAN with Intel® Ethernet I219-VWi-Fi 7 + Bluetooth® 5.4;
- Up to 1 PCIe 5.0 x16 FHFL slots;
- Up to 4 front hot-swap 3.5" SATA drive bays;
- 1 1000W Gold Level Power Supply;



Form Factor	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")
Processor	Single LGA-1851 Intel® Core™ Ultra (Series 2) U7-265, Max 5.30GHz P-cores: 8C/20T; 30MB Cache E-cores: 12C/20T
GPU	Up to 1 triple-width or 1 double-width or 2 single-width GPUs
System Memory	Slot Count: 4 DIMM slots/4 Channels Max Memory (1DPC): 256GB 5600MT/s non-ECC DDR5 UDIMM
Drive Bays Configuration	Default: Total 4 bays • 4 front hot-swap 3.5" SATA drive bays Option A: Total 4 bays • 4 front hot-swap 2.5" SATA drive bays M.2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280/22110)
Expansion Slots	PCI-Express (PCIe) Configuration: Default • 1 PCIe 5.0 x16 FHFL slot • 2 PCIe 5.0 x8 FHFL slots M.2: 2 M.2 PCIe 4.0 x1 NVMe slots (M-key 2280(default)) PCI: 1 PCI 5V 32-bit slots
On-Board Devices	SATA: SATA (6Gbps) Chipset: System on Chip Network Connectivity: 1 RJ45 1GbE with Intel® I219-LM
Input / Output	USB: 2 USB 2.0 ports(header) 2 USB 3.2 Gen1 Type-A ports(rear) 2 USB 2.0 Type-A ports(rear) 2 USB 3.2 Gen1 ports(Header) 1 Thunderbolt™ 4 Type-C port(Rear) 1 USB 3.2 Gen2x2 Type-C port(Header) Video: 1 VGA port 1 HDMI 2.0b port 1 DisplayPort 1.4a port



System Cooling	Fans: Up to 1 Rear 120mm Fan(s) Up to 3 Front 120mm Fan(s) Up to 3 Top 120mm Fan(s)
Power Supply	1x 1000W Gold Level (90%) power supply
System BIOS	BIOS Type: AMI 32MB SPI Flash BIOS Features: ACPI 6.0 Plug and Play (PnP) Riser Card audio detection support SMBIOS 3.0 or later
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	RoHS Compliant 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 C9B860-MW
Chassis	CSE-GS3B-000NBP