

# UP Workstation SYS-530A-IL



## Key Applications

Entry-Level Workstation  
 Designed for CAD and 3D Modeling  
 Applications  
 2D/3D Content Creation

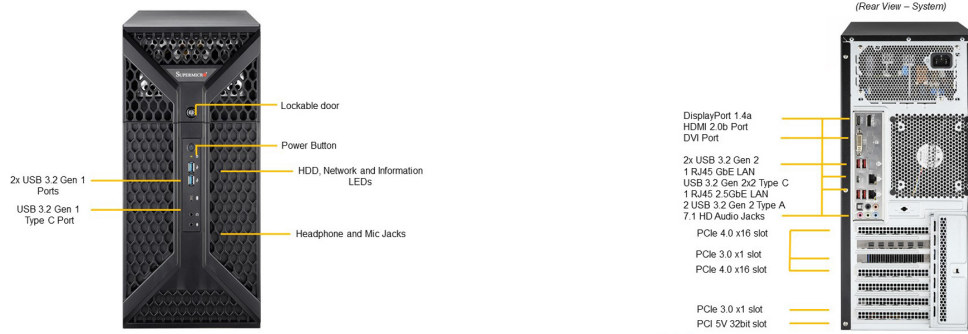
## Key Features

- 2022 Version: Supports both Intel® Xeon® W-1200/W-1300 Series and 10th/11th Generation Intel® Core™ Processors;
- 2022 Version: 2 PCI-E 4.0 x16 slots (16/NA or 8/8) M.2 Interface: 1 PCI-E 4.0x4 and 2 PCI-E 3.0 x4;
- Dual LAN ports, GbE and 2.5GbE;
- 12cm PWM quiet exhaust fan and optional 12cm front intake fan;
- 668W 80PLUS Platinum Power Supply;

[More details here](#)



<b>Form Factor</b>	Mid-Tower Rackmount 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")
<b>Processor</b>	11th Gen Intel® Core™ Processors Single Socket LGA-1200 (Socket H5) supported TDP up to 125W; Intel® Xeon® W-1200 Processors Single Socket LGA-1200 (Socket H5) supported TDP up to 125W; 10th Gen Intel® Core™ Processors Single Socket LGA-1200 (Socket H5) supported TDP up to 125W; Intel® Xeon® W-1300 Processors Single Socket LGA-1200 (Socket H5) supported TDP up to 125W;
<b>System Memory</b>	4 DIMM slots
<b>Drive Bays</b>	4x 3.5" SATA drive bays;
<b>Expansion Slots</b>	Slot 1: 5V PCI 32bit Slot 2: PCI-E 3.0 x1 Slot 4: PCI-E 4.0 x16 Slot 5: PCI-E 3.0 x1 Slot 7: PCI-E 4.0 x16 (Slot#4 and Slot#7 can be configured as 16/NA or 8/8)
<b>On-Board Devices</b>	Chipset: System on Chip Network Connectivity: 1x 1GbE BaseT with Intel® i219LM 1x 2.5GbE BaseT with Intel® i225V
<b>Input / Output</b>	SATA: 3 SATA (6Gbps) port(s) USB: 3 USB 3.2 Gen 1 port(s) (1 front Type C; 2 front Type A) 4 USB 3.2 Gen 2 port(s) (4 rear Type A) 1 USB 3.2 Gen 2x2 port(s) (1 rear Type C) Serial Port: 1 COM Port(s) (1 header)



<b>Cooling System</b>	1x 12cm heavy duty fan(s) 1x 12cm heavy duty fan(s)
<b>Power Supply</b>	668W 80PLUS Platinum PS/2 Power Supply Dimension (W x H x L): 150 x 86 x 190 mm Output Type: PS/2
<b>System BIOS</b>	BIOS Type: AMI 256MB SPI Flash
<b>Management</b>	SuperDoctor 5
<b>PC Health Monitoring</b>	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 Other Features: 8-pin 12v DC power connector, ACPI power management, ATX Power connector, Chassis intrusion header, Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, RoHS, Voltage and Frequency Overclocking, WOL
<b>Dimensions and Weight</b>	Height: 16.7" (424 mm) Width: 7.6" (193 mm) Depth: 21.1" (536 mm) Gross Weight: 30 lbs (13.61 kg) Net Weight: 28 lbs (12.7 kg) Packaging: 11.97" (H) x 21.38" (W) x 25.28" (D) Available Color: Black
<b>Operating Environment</b>	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)
<b>Motherboard</b>	<a href="#">Super X12SAE-5</a>
<b>Chassis</b>	<a href="#">CSE-735D4-668B</a>






**Parts List - (Items Included)**

	Part Number	Qty	Description
<b>Motherboard / Chassis</b>	MBD-X12SAE-5	1	Super X12SAE-5 Motherboard
	CSE-735D4-668B	1	Mid-Tower Chassis
<b>Cable 1</b>	CBL-0044L	4	57.5CM SATA FLAT S-S PBF
<b>Parts</b>	MCP-260-00151-0N	1	STD I/O Shield for X12SAE with EMI Gasket
<b>*Cable 2</b>	CBL-PWCD-0160-IS	1	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,RoHS/REACH
<b>*Power Supply</b>	PWS-668-PQ	1	PS2 668W Multi-Output 80Plus Platinum Power Supply with 24pi
<b>*Cable 3</b>	CBL-CDAT-0560	1	Audio Cable HD / AC97 -80cm, 28AWG,HF,RoHS/REACH,PBF
<b>*Cable 4</b>	CBL-CDAT-0680-55	1	NCSI,2x10F to 2x10F,IDC,PH2.54,55cm,shield,28AWG,RoHS
<b>*Cable 5</b>	CBL-CUSB-0860	1	USB 3.0,INT,20 PIN/F TO 20PIN/F,60CM,30/26AWG
<b>*Cable 6</b>	CBL-CUSB-0999	1	USB3.2 Gen2X2 TypeC INT 20M to USB3.2 TypeC 24F,45CM,30AWG,R
<b>*Cable 7</b>	CBL-CUSB-0999	1	USB3.2 Gen2X2 TypeC INT 20M to USB3.2 TypeC 24F,45CM,30AWG,R
<b>*FAN 1</b>	FAN-0124L4	1	12 CM x12 CM fan
<b>*Front Panel</b>	FPB-FP735	1	Front control board for CSE735,RoHS

**Notes:**

1. Parts with \* are inside the chassis
2. Excessive parts might not be shipped, including but not limited to excessive drive trays, fans, riser brackets, air shrouds, IO shields, cables.....etc.

**Optional Parts List**

	Part Number	Qty	Description
<b>DVD Kit</b>	CBL-0082L 	1	Y SPLIT SATA POWER ADAPTER
	DVM-LITE-DVDRW24-HBT1	1	BLACK LITE-ON 5.25" HH 24X DVD-RW SATA DRIVE (Please also add CBL-SAST-0624 and CBL-0082L)
	CBL-SAST-0624 	1	70cm SATA Cable S-S 30AWG
<b>Fan</b>	FAN-0124L4 	1	120x120x25 mm, Quiet, 1850RPM, Optional Front Intake Fan
	FAN-0077L4-1	1	120x120x38 mm, High Performance, 4K RPM, Optional Rear or Front Fan
<b>HDD Converter</b>	MCP-220-73102-0N 	1	2.5" to 3.5" SSD/HDD Adapter Tray for 731, 732, DS3, 842
<b>Heatsink</b>	SNK-P0051AP4 	1	High Performance CPU Heatsink
<b>Mobile Rack</b>	CSE-M14TQC	1	SAS3/SATA mobile rack for 4x 2.5" drives