

UP Workstation SYS-531A-IL



More details here

Key Applications

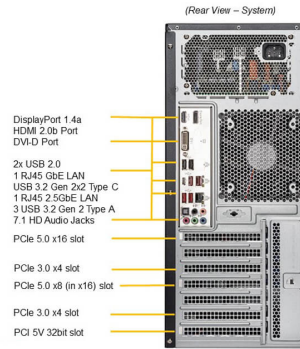
Designed for CAD and 3D Modeling Applications, 2D/3D Content Creation, VR Content Development,

Key Features

- Supports 12th/13th Gen. Intel® Core™ i Processors;
- 2 PCIe 5.0 x16 slots (16/NA or 8/8) M.2 Interface: 3 PCIe 4.0 x4;
- 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 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")
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(s) Supported GPU: NVIDIA PCIe: T1000, RTX A5000, RTX A4000, RTX A5500, RTX A6000, RTX A4500, RTX A2000
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 192GB 4400MT/s non-ECC DDR5 UDIMM
Drive Bays	4x 3.5" SATA drive bays 3x PCIe 4.0 x4 (2280 only)
Expansion Slots	1 5V PCI 32bit slot(s) 2 PCIe 3.0 x4 slot(s) 2 PCIe 5.0 x16 slot(s) (Slot#4 and Slot#7 can be configured as 16/NA or 8/8)
On-Board Devices	Chipset: Intel® W680 Network Connectivity: 1x 1GbE BaseT with Intel® i219LM 1x 2.5GbE BaseT with Intel® i225V
Input / Output	SATA: 8 SATA (6Gbps) port(s) USB: 3 USB 3.2 Gen 1 port(s) (1 front Type C; 2 front Type A) 1 USB 3.2 Gen 2x2 port(s) (1 rear Type C) 3 USB 3.2 Gen 2x1 port(s) (3 rear Type A) Video: 1 HDMI port(s) 1 DisplayPort port(s) TPM: TPM header Serial Port: 1 COM Port(s) (1 header)



System Cooling	Fans: 1x 120mm Fan(s) 1x 120mm Fan(s) (optional)
Power Supply	668W Platinum Level power supply
System BIOS	BIOS Type: AMI 256MB SPI Flash
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	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
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	Super X13SAE
Chassis	CSE-735D4-668B

Parts List

Standard Parts (Parts Included)

Motherboard / Chassis

Part Number	MBD-X13SAE	CSE-735D4-668B
Qty	1	1
Description	Super X13SAE Motherboard	Mid-Tower Chassis

Cable

Part Number	CBL-0044L CBL-CUSB-0999-45 OR	CBL-PWCD-0160-4S CBL-CUSB-0999-45M	CBL-0453L	CBL-CDAT-0560	CBL-CDAT-0680-55
Qty	4	1	1	1	1
Description	7pin SATA (STR to STR), 57.5cm, Flat, PBF [NR] USB3.2 Gen2X2 TypeC INT 20M to TypeC 24F,45CM,30u",RoHS	PWCD,IUS,NEMA5-15P TO IEC60320 C13,6FT,16AWG,RoHS/REACH USB3.2 Gen2X2 TypeC INT 20M to TypeC 24F,45CM,30AWG,RoHS	USB3.0 Internal Cable-60cm(19pin Female to 19pin Female)	Audio Cable HD / AC97 -80cm, 28AWG,HF,RoHS/REACH,PBF	NCSL2x10F to 2x10FJDC,PH2.54,55cm,shield,28AWG,RoHS

Parts

Part Number	MCP-260-00151-0N
Qty	1
Description	STD I/O Shield for X12SAE with EMI Gasket

* Power Supply

Part Number	PWS-668-PQ
Qty	1
Description	PS2 668W Multi-Output 80Plus Platinum Power Supply with 24pi

* Fan

Part Number	FAN-0221L4
Qty	1
Description	120x120x25 mm, 2.2K RPM, Cooling Fan for GS7 Project,RoHS

* Front Panel

Part Number	FPB-FP735
Qty	1
Description	Front control board for CSE735,RoHS

* Front Bezel

Part Number	MCP-210-73503-0B	MCP-210-73504-0B
Qty	1	1
Description	CSE-735D4 front bezel assembly - Black	735 front control I/O bezel

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

DVD Kit

Part Number	DVM-TEAC-DVDRW24-HBT	CBL-SAST-0624 Store	CBL-0082L Store
Qty	1	1	1
Description	BLACK LITE-ON 5.25" HH 24X DVD-RW SATA DRIVE (Please also add CBL-SAST-0624 and CBL-0082L)	70cm SATA Cable S-S 30AWG	Y SPLIT SATA POWER ADAPTER

Fan

Part Number	FAN-0124L4 Store	FAN-0077L4-1
Qty	1	1
Description	120x120x25 mm, Quiet, 1850RPM, Optional Front Intake Fan	120x120x38 mm, High Performance, 4K RPM, Optional Rear or Front Fan

HDD Converter

Part Number	MCP-220-73102-0N Store
Qty	1
Description	2.5" to 3.5" SSD/HDD Adapter Tray for 731, 732, DS3, 842

Heatsink

Part Number	SNK-P0086AP4 Store
Qty	1
Description	High Performance CPU Heatsink for LGA1700

Mobile Rack

Part Number	CSE-M14TQC
Qty	1
Description	SAS3/SATA mobile rack for 4x 2.5" drives

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