

UP Workstation SYS-531A-I



More details here

Key Applications

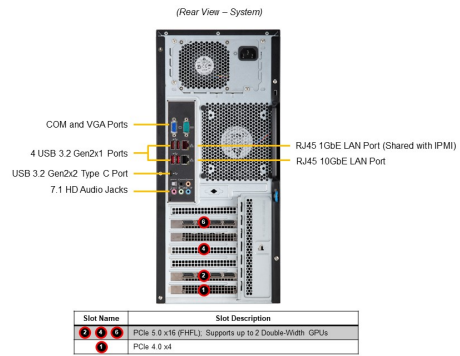
2D/3D Content Creation, VR Content Development,

Key Features

- Socket E (LGA4677) support Intel® Xeon® W-2400 processors;
- Intel® W790;
- 8 DIMMs;
- 1x 1GbBaseT, 1x 10GbBaseT;
- 4 3.5" SATA3 drive bays; ; 2 M.2 NVMe;
- 1 120 mm Fan(s) ; 1 120 mm Fan(s);
- 1200W Power Supplies Platinum Level (92%+);



Form Factor	Mid-Tower Rackmount Enclosure: 193 x 424 x 525.3mm (7.6" x 16.7" x 20.68") Package: 304 x 543 x 642mm (11.97" x 21.38" x 25.28")
Processor	Single Socket E (LGA-4677) Intel® Xeon® W-2400 processors
GPU	Max GPU Count: Up to 2 double-width GPU(s) Supported GPU: NVIDIA PCIe: RTX A6000, RTX 6000 ADA, RTX A5500, RTX A4500
System Memory	Slot Count: 8 DIMM slots Max Memory (2DPC): Up to 1TB 4800MT/s ECC DDR5 RDIMM/LRDIMM
Drive Bays	4x 3.5" SATA drive bays 2x PCIe 5.0 x4
Expansion Slots	1 PCIe 4.0 x4 slot(s) 3 PCIe 5.0 x16 slot(s)
On-Board Devices	Chipset: Intel® W790 Network Connectivity: 1x 10GbE BaseT with Marvell AQC113 1x 1GbE BaseT with Intel® I210-AT IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Input / Output	SATA: 6 SATA (6Gbps) port(s) USB: 1 USB 3.2 Gen 2x2 port(s) (1 rear) 5 USB 3.2 Gen 2 port(s) (4 rear; 1 front Type C) 2 USB 3.2 Gen 1 port(s) (2 front Type A) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 COM)



System Cooling	Fans: 1x 120mm Fan(s) 1x 120mm Fan(s)
Power Supply	1200W Platinum Level power supply
System BIOS	BIOS Type: AMI 256MB SPI Flash
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; IPMI 2.0
PC Health Monitoring	Voltage: +1.8V, +12V, +3.3V, +5V, +5V standby, 10 -fan status, 3.3V standby, HT, Memory, VBAT
Dimensions and Weight	Height: 16.7" (424 mm) Width: 7.6" (193 mm) Depth: 20.68" (525.3 mm) Gross Weight: 30 lbs (13.61 kg) Net Weight: 27 lbs (12.25 kg) Packaging: 21.38" (H) x 11.97" (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 X13SRA-TF
Chassis	CSE-735D4-1K26B

Parts List

Standard Parts (Parts Included)

Motherboard / Chassis

Part Number	MBD-X13SRA-TF	CSE-735D4-1K26B
Qty	1	1
Description	Super X13SRA-TF Motherboard	Mid-Tower Chassis

Cable

Part Number	CBL-0044L CBL-CDAT-0680-55	CBL-0082L CBL-CUSB-0999-45 OR	CBL-PWCD-0160-IS CBL-CUSB-0999-45M	CBL-0453L	CBL-CDAT-0560
Qty	6 1	2 1	1 -	1	1
Description	7pin SATA (STR to STR), 57.5cm, Flat, PBF	Y SPLIT SATA POWER ADAPTER, PB FREE	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,RoHS/REACH	USB3.0 Internal Cable-60cm(19pin Female to 19pin Female)	Audio Cable HD / AC97 -80cm, 28AWG,HF,RoHS/REACH,PBF
	NCS1,2x10F to 2x10F,IDC,PH2.54,55cm,shield,28AWG,RoHS	[NR] USB3.2 Gen2x2 TypeC INT 20M to TypeC 24F,45CM,30u",RoHS	USB3.2 Gen2x2 TypeC INT 20M to TypeC 24F,45CM,30AWG,RoHS		

Parts

Part Number	MCP-260-00183-0B
Qty	1
Description	STD I/O Shield for X13SRA-TF with EMI Gasket & Black Mylar

Software

Part Number	SFT-OOB-LIC
Qty	1
Description	License key for enabling OOB BIOS management

Heatsink / Retention

Part Number	SNK-C0156L
Qty	2
Description	M.2 Passive Heat Sink for Both 2280 & 22110 M.2 Type

* Power Supply

Part Number	PWS-1K26P-PQ
Qty	1
Description	1000W/1200W PS2 Multi output power supply with modular cable

* Fan

Part Number	FAN-0077L4-1
Qty	2
Description	120x120x38 mm, 4K RPM, Optional Rear Exhaust Fan for SC732

* 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 brezel 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	CBL-SAST-0624 ↗Store .https://store.supermicro.com/supermicro-sata-round-straight-straight-70cm-cable-cbl-sast-0624.html	DVM-TEAC-DVDRW24-HBT	CBL-0082L ↗Store .https://store.supermicro.com/supermicro-15cm-4-pin-peripheral-connector-to-2-right-angle-sata-power-extension-cable-cbl-0082L.html		
Qty	1	1	1		
Description	70cm SATA Cable S-S 30AWG	5.25" HH 24X DVD-RW SATA DRIVE	Y SPLIT SATA POWER ADAPTER		
Heatsink					
Part Number	SNK-P0090AP4 ↗Store .https://store.supermicro.com/4u-active-cpu-cooler-x13-snk-p0090ap4.html				
Qty	1				
Description	4U Active High-Performance CPU Heat Sink				
Mobile Rack					
Part Number	CSE-M14TQC				
Qty	1				
Description	SAS3/SATA mobile rack for 4x 2.5" drives				

[Global SKU \(/en/products/SMC_global_skus\)](#)