

UP Workstation SYS-551A-T



More details here

Key Applications

Product Design and Engineering Simulation,

Key Features

- Socket E (LGA4677) support Intel® Xeon® W-3400 processors;
- Intel® W790;
- 16 DIMMs;
- 1x 1GbBaseT, 1x 10GbBaseT;
- 2 2.5" SATA3 drive bays; 4 3.5" SATA3 drive bays; ; 4 M.2 NVMe;
- 1 120 mm Fan(s) ; 2 120 mm Fan(s);
- 2000W Power Supplies Platinum Level (%+);



Form Factor	5U (Full Tower) Rackmount Enclosure: 222 x 535 x 573mm (8.74" x 21.06" x 22.56") Package: 372 x 708 x 724mm (14.6" x 27.8" x 28.5")
Processor	Single Socket E (LGA-4677) Intel® Xeon® W-3400 processors
GPU	Max GPU Count: Up to 2 quad-width or 2 triple-width or 4 double-width or 4 single-width GPU(s) Supported GPU: NVIDIA PCIe: RTX A6000, RTX A4500, RTX A2000, RTX 4090, T1000, RTX A5000, RTX A4000, RTX 6000 ADA, RTX 4080
System Memory	Slot Count: 16 DIMM slots Max Memory (2DPC): Up to 2TB 4800MT/s ECC DDR5 RDIMM/LRDIMM
Drive Bays	4x 3.5" SATA drive bays 4x PCIe 5.0 x4
Expansion Slots	6 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: 8 SATA (6Gbps) port(s) USB: 4 USB 2.0 port(s) (2 rear; 2 front Type A) 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) 2x 120mm Fan(s)
Power Supply	2000W 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: 21.06" (535 mm) Width: 8.74" (222 mm) Depth: 22.56" (573 mm) Gross Weight: 39 lbs (17.74 kg) Net Weight: 20 lbs (14.9 kg) Packaging: 27.8" (H) x 14.6" (W) x 28.5" (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 X13SWA-TF
Chassis	CSE-GS7A-2000B

Parts List

Standard Parts (Parts Included)

Motherboard / Chassis

Part Number	MBD-X13SWA-TF	CSE-GS7A-2000B
Qty	1	1
Description	Super X13SWA-TF Motherboard	5U (Full Tower) Chassis

Cable

Part Number	CBL-0044L	CBL-PWCD-0925
Qty	4	1
Description	7pin SATA (STR to STR), 57.5cm, Flat, PBF	PWCD, US, NEMA 5-15P TO IEC60320 C19, 6FT, 14AWG, 15A/125V

Parts

Part Number	MCP-260-00182-0B
Qty	1
Description	STD I/O Shield for X13SWA-TF with EMI Gasket & Black Mylar

Power Supply

Part Number	PWS-2K01-PQ
Qty	1
Description	PS2 2000W Multi-output PLATINUM power supply, RoHS

Software

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

Heatsink / Retention

Part Number	SNK-C0156L
Qty	4
Description	M.2 Passive Heat Sink for Both 2280 & 22110 M.2 Type

* Fan

Part Number	FAN-0221L4	FAN-0222L4
Qty	2	1
Description	120x120x25 mm, 2.2K RPM, Cooling Fan for GS7 Project, RoHS	120x120x25 mm, 6.4K RPM, Optional Fan for GS7 Project

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

Air Shroud

Part Number	MCP-310-GS701-BB
Qty	1
Description	Air Shroud to use with SNK-P3046A4

Fan

Part Number	FAN-0221L4	FAN-0221L4	FAN-0124L4 eStore (https://store.supermicro.com/120mm-fan-0124l4.html)
Qty	1	1	1
Description	Optional top exhaust 12cm (6400 RPM) cooling Fan	Optional top exhaust 12cm (2200 RPM) cooling Fan	Optional top exhaust 12cm (1850 RPM) cooling Fan

Heatsink

Part Number	SNK-P3046A4	SNK-P0091AP4
Qty	1	1
Description	Closed-Loop High-Performance Liquid Cooling Module	4U Active High-Performance CPU Heat Sink

Rail

Part Number	MCP-290-00057-0N eStore (https://store.supermicro.com/4u-5u-rail-kit-mcp-290-00057-0n.html)	MCP-290-GS706-0N eStore (https://store.supermicro.com/supermicro-6u-rail-kit-mcp-290-gs706-0n.html)
Qty	1	1
Description	RAIL SET, QUICK/QUICK For 17.2"W	GS7 6U Rail Conversion Kit for rack mount (need to add MCP-290-00057-0N).

[Global SKU/\(en/products/SMC_global_skus\)](https://store.supermicro.com/global-skus/)