

Super Workstation SYS-751A-I


[More details here](#)

Key Applications

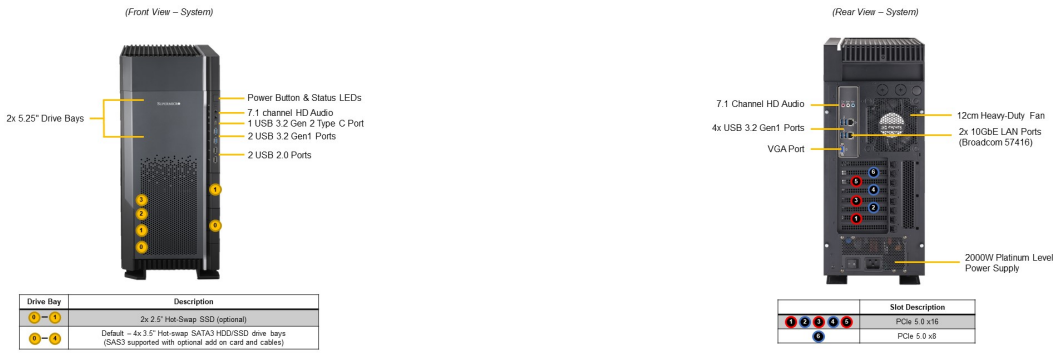
Rendering, CAD, Multimedia/Digital Content creation, Engineering/scientific research,

Key Features

- 4th Gen Intel® Xeon® Scalable processor support;
- Intel® C741 Chipset;
- 5 PCIe 5.0 x16, 1 PCIe 5.0 x8, 2 NVMe M.2 slots;
- 4x internal 3.5" SATA rotating drive bays for easy access; 2x 2.5" Front access SATA drive bays with hot swap; up to 4x NVMe SSD support with optional cables and converter trays; 2x 5.25" peripheral drive bays;
- New front bezel with keylock for added security; Compact and quiet operation;
- 1 VGA, 6 USB 3.2 Gen1 (4 Rear, 2 Front), 2 USB 3.2 Gen2 (1 internal, 1 Front type C), 2 USB 2.0, 7.1 HD Audio; Supports up to two double width active GPUs;



Form Factor	Tower or 5U Rackmount Enclosure: 221 x 536 x 574mm (8.7" x 21.1" x 22.6") Package: 371 x 701 x 711mm (14.6" x 27.6" x 28")
Processor	4th Gen Intel® Xeon® Scalable Processors Dual Socket LGA-4677 (Socket E) supported 4 UPI (Certain CPU SKUs are conditionally supported, please contact Supermicro Technical Support for additional information about specialized system optimization)
System Memory	16 DIMM slots Up to 2TB ECC RDIMM, DDR5-4800MHz
Drive Bays	4x 3.5" SATA/NVMe drive bays (4x 2.5" NVMe hybrid)
Expansion Slots	5 PCIe 4.0 x16 FHFL slot(s) 1 PCIe 4.0 x8 FHHL slot(s)
On-Board Devices	SATA: SATA3 (6Gbps); RAID 0/1/5/10 support Chipset: Intel® C741 Network Connectivity: 2x 10GbE port(s) 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: 2 SuperDOM port(s) 1 SlimSAS port(s) LAN: 2 RJ45 10GbE (IPMI Shared on LAN port1) USB: 4 USB 3.2 Gen1 port(s) (4 Rear_USB) 5 USB 2.0x2; 3.2 Gen1x2; 3 port(s) (5 Front_USB) Video: 1 VGA port(s)



System Cooling	3x 12cm heavy duty fan(s)
Power Supply	2000W PS2 Multi-output Power Supply Dimension (W x H x L): 150 x 86 x 200 mm Output Type: Modular Cable Output
System BIOS	BIOS Type: AMI 32MB SPI FLASH ROM
Management	SuperDoctor® 5; Watch Dog; NMI; SUM; KVM with dedicated LAN; SPM; SSM; IPMI 2.0; Redfish API
PC Health Monitoring	Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors FAN: Status monitor for speed control Pulse Width Modulated (PWM) fan connectors CPU: Monitors for CPU Cores, Chipset Voltages, Memory.
Dimensions and Weight	Height: 21.1" (536 mm) Width: 8.7" (221 mm) Depth: 22.6" (574 mm) Gross Weight: 59.5 lbs (27 kg) Net Weight: 56.2 lbs (25.5 kg) Packaging: 27.6" (H) x 14.6" (W) x 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 X13DAI-T
Chassis	CSE-GS7A-2000B