

SuperWorkstation SYS-751A-I

DP full rackmount tower workstation for 3D design and content creation



More details here

Key Applications

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

Key Features

- 5th/4th Gen Intel® Xeon® Scalable processor support;
- Intel® C741 Chipset
TPM 2.0 built-in already;
- 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 5.25" peripheral drive bays
up to 4x NVMe SSD support with optional cables and converter trays
2x 2.5" Front access SATA drive bays;
- Compact and quiet operation
New front bezel with keylock for added security;
- Supports up to two double width active GPUs
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;



Form Factor	<p>Tower or 5U Rackmount</p> <p>Enclosure: 221 x 536 x 574mm (8.7" x 21.1" x 22.6")</p> <p>Package: 371 x 701 x 711mm (14.6" x 27.6" x 28")</p>
Processor	<p>Dual Socket E (LGA-4677)</p> <p>5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors</p> <p>Up to 64C/128T; Up to 320MB Cache per CPU</p>
GPU	<p>Max GPU Count: Up to 2 double-width GPUs</p> <p>Supported GPU:</p> <p>NVIDIA PCIe: T400, RTX A5500, T1000, RTX A6000, RTX A5000, RTX A4500, RTX A4000, RTX A2000, RTX 6000 Ada Generation</p> <p>CPU-GPU Interconnect: PCIe 5.0 x16 CPU-to-GPU Interconnect</p> <p>GPU-GPU Interconnect: PCIe</p>
System Memory	<p>Slot Count: 16 DIMM slots</p> <p>Max Memory (1DPC): Up to 2TB 5600MT/s ECC DDR5 RDIMM</p>
Drive Bays Configuration	<p>Default: Total 4 bays</p> <ul style="list-style-type: none"> • 4 front fixed 3.5" NVMe/SAS*/SATA drive bays <p>Option A: Total 6 bays</p> <ul style="list-style-type: none"> • 4 internal fixed 3.5" NVMe/SATA drive bays • 2 front fixed 2.5" SATA drive bays <p>(*SAS support may require additional storage controller and/or cables, please see the optional parts list for details)</p> <p>M.2: 2 M.2 NVMe slots (M-key 2280/22110)</p> <p>Peripheral Bays: 2 5.25" bays (optional)</p>
Expansion Slots	<p>Default</p> <ul style="list-style-type: none"> • 5 PCIe 5.0 x16 FHFL slots • 1 PCIe 5.0 x8 FHFL slot
On-Board Devices	<p>SATA: SATA (6Gbps) ; RAID 0/1/5/10 support</p> <p>Chipset: Intel® C741</p> <p>Network Connectivity: 2 RJ45 10GbE</p>
Input / Output	<p>LAN: 2 RJ45 10 GbE LAN ports (IPMI shared on LAN port 1)</p> <p>USB: 2 USB 2.0 Type-A ports(front)</p> <p>2 USB 3.2 Gen1 Type-A ports(front)</p> <p>1 USB 3.2 Gen2 Type-C port(Front)</p> <p>1 USB 3.2 Gen2 Type-A port(Header)</p>

4 USB 3.2 Gen1 Type-A ports(Rear)

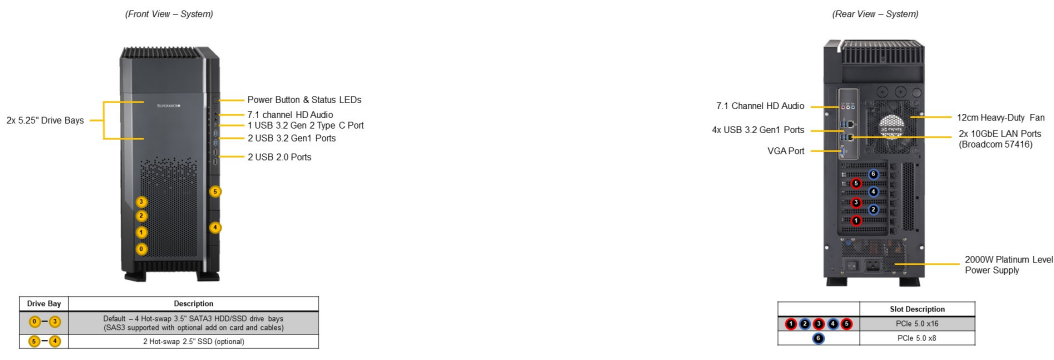
Video: 1 VGA port

DOM: 2 SATA [DOM](#) (Disk on Module) ports

Audio: 7.1 HD Audio

Line Out

Mic in



System Cooling	Fans: Up to 3x 12cm Fan(s)
Power Supply	1x 2000W Platinum Level (92%) power supply
System BIOS	BIOS Type: AMI 32MB SPI FLASH ROM
Management	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
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	Weight: Gross Weight: 59.5 lbs (27 kg) Net Weight: 56.2 lbs (25.5 kg) Available Color: Black
Operating Environment	Operating Temperature: 10°C to 35°C (50°F to 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-000NBP3