SuperWorkstation SYS-730A-I

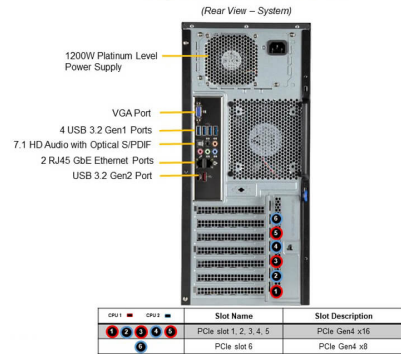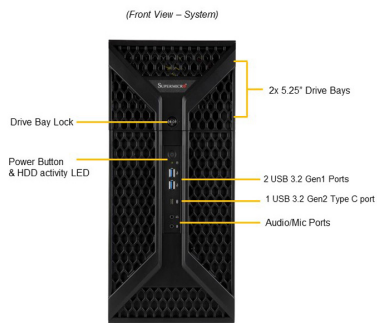DP mid-tower workstation for rendering, CAD and content creation

Key Applications

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

Key Features

- 3rd Gen Intel® Xeon® Scalable processor support;
- Intel® C621A Chipset;
- 5 PCIe 4.0 x16, 1 PCIe 4.0 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 opitonal cables and converter trays;
- Compact and quiet operation
  New front bezel with keylock for added security;

Form Factor	Mid-Tower 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	Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 40C/80T; Up to 60MB Cache per CPU
GPU	Max GPU Count: Up to 2 double-width or 2 single-width GPUs Supported GPU: NVIDIA PCIe: RTX A6000, RTX A5000, RTX A4000, RTX 5000 CPU-GPU Interconnect: PCIe 4.0 x16 Switch Single-Root
System Memory	Slot Count: 16 DIMM slots Max Memory (2DPC): Up to 2TB 3200MT/s ECC DDR4 RDIMM/LRDIMM Supports Intel® Optane™ persistent memory 200 series
Drive Bays Configuration	Default: Total 4 bays • 4 internal fixed 3.5" NVMe*/SATA drive bays (*NVMe support may require additional storage controller and/or cables) M.2: 2 M.2 NVMe slots (M-key) Peripheral Bays: 2 5.25" peripheral bays (optional)

Expansion Slots	Default
	  • 5 PCIe 4.0 x16 FHFL slots
	  • 1 PCIe 4.0 x8 FHHL slot

On-Board Devices	SATA: SATA (6Gbps) ; RAID 0/1/5/10 support Chipset: Intel® C621A Network Connectivity: 2 RJ45 1GbE

Input / Output	LAN: 2 RJ45 1 GbE LAN ports (IPMI shared on LAN port 1)
	USB: 4 USB 3.2 Gen1 ports(rear)
	      2 USB 3.2 Gen1 ports(front)
	      1 USB 3.2 Gen2 port(front)
	Video: 1 VGA port
	DOM: 2 SATA DOM (Disk on Module) ports
	Audio: 7.1 HD Audio
	      Rear Audio
	      Mic in

(Front View – System)

2x 5.25" Drive Bays
Drive Bay Lock
Power Button & HDD activity LED
2 USB 3.2 Gen1 Ports
1 USB 3.2 Gen2 Type C port
Audio/Mic Ports

(Rear View – System)

1200W Platinum Level Power Supply
VGA Port
4 USB 3.2 Gen1 Ports
7.1 HD Audio with Optical S/PDIF
2 RJ45 GbE Ethernet Ports
USB 3.2 Gen2 Port

CPU 1	CPU 2	Slot Name	Slot Description
		PCIe slot 1, 2, 3, 4, 5	PCIe Gen4 x16
		PCIe slot 6	PCIe Gen4 x8

System Cooling	Fans: Up to 2x 12cm Fan(s)
Power Supply	1x 1200W Platinum Level (94%) 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: 30 lbs (13.61 kg) Net Weight: 27 lbs (12.25 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 X12DAI-N6**
Chassis	**CSE-735D4-1K26B**