UP Workstation SYS-521R-T

UP compact mini tower with 4 hot-swap 3.5" SATA drive bays and PCIe 5.0

More details here

Key Applications

Entry-Level Micro-Server, Designed for Small and Medium-sized Businesses Applications,

Key Features

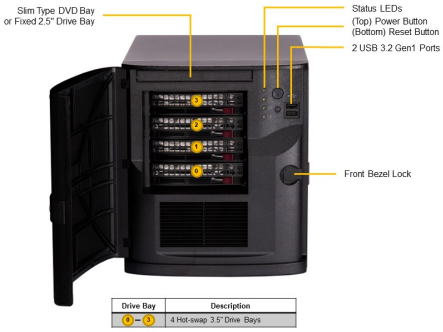
- PCIe 5.0 x 16 slot;
- Dual LAN ports, 1 GbE and dedicated IPMI;
- 12cm PWM quiet exhaust fan and optional 12cm front intake fan;
- 350W 80PLUS Gold Power Supply;
- Up to 2 U.2 NVMe drives support (2024H2 version only);

Form Factor	Compact Mini-Tower Enclosure: 210.06 x 240.03 x 279.4mm (8.27" x 9.45" x 11") Package: 315 x 350 x 410mm (12.4" x 13.78" x 16.14")
Processor	Single processor(s) Intel® Xeon® E-2400 series Processors and 12th Gen. Pentium® Processors Up to 8C/16T
System Memory	Slot Count: 2 DIMM slots Max Memory (1DPC): Up to 64GB 4800MT/s ECC DDR5 UDIMM
Drive Bays Configuration	Default: Total 4 bays • 4 front hot-swap 3.5" PCIe 4.0 x4 NVMe*/SAS*/SATA drive bays (*NVMe/SAS support may require additional storage controller and/or cables) M.2: 1 M.2 PCIe 4.0 x4 NVMe slot (M-key 2280) Peripheral Bays: 1 bay
Expansion Slots	Default • 1 PCIe 5.0 x16 HHHL slot
On-Board Devices	SATA: SATA (6Gbps) Chipset: Intel® C262 Network Connectivity: 1 RJ45 1GbE with Realtek RTL8211F PHY (dedicated IPMI) 2 RJ45 1GbE with Intel® I210
Input / Output	USB: 2 USB 3.2 Gen1 Type-A ports(rear) 2 USB 2.0 Type-A ports(rear) 2 USB 3.2 Gen1 Type-A ports(front) Video: 1 VGA port

©2025 Copyright Super Micro Computer, Inc. All rights reserved. *Product specifications may change without notice

(Front View – System)

(Front View – System)



System Cooling	Fans: Up to 1x 120mm Fan(s)
Power Supply	1x 350W Gold Level (92%) power supply
System BIOS	BIOS Type: AMI 256MB SPI Flash
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	Voltage: +1.8V, +12V, +3.3V, +5V, +5V standby, 10 -fan status, 3.3V standby, HT, Memory, VBAT
Dimensions and Weight	Weight: Gross Weight: 15 lbs (6.8 kg) Net Weight: 13.5 lbs (6.12 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 X13SCL-IF**
Chassis	**CSE-721TQ-350B2**

©2025 Copyright Super Micro Computer, Inc. All rights reserved. *Product specifications may change without notice