

## **UP Workstation SYS-531R-I**



## **Key Applications**

Storage, application and centralized data backup system Applications, IPMI for remote management, Entry-Level Server for SOHO and SMB,

## **Key Features**

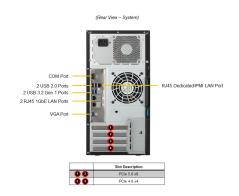
- Supports Intel® Xeon® E-2400 Series Processors;
- PCle 5.0 Support;
- Dual LAN ports, GbE and dedicated IPMI LAN port;
- 9cm PWM quiet exhaust fan and optioal front intake fan;
- 400W 80PLUS Gold Power Supply;



Form Factor	mini-tower Rackmount Enclosure: 184 x 362 x 425mm (7.25" x 14.25" x 16.75") Package: 279 x 508 x 533mm (11" x 20" x 21")
Processor	Single processor(s) Intel® Xeon® E-2400 series Processors and 12th Gen. Pentium® Processors Up to 8C/16T
GPU	Up to 1 double-width or 1 single-width GPU(s)
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 128GB 4400MT/s ECC DDR5 UDIMM
Drive Bays Configuration	Default: Total 4 bay(s)  • 4 internal fixed 3.5" SATA drive bay(s)  M.2: 1 M.2 PCIe 4.0 x4 NVMe slot(s) (M-key 2280/22110)
	Peripheral Bays: 2 5.25" bay(s)
Expansion Slots	Default • 2 PCIe 5.0 x8 FHFL slot(s) • 1 PCIe 4.0 x4 FHFL slot(s) • 1 PCIe 4.0 x4 FHHL slot(s)
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  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	USB: 2 USB 3.2 Gen1 Type-A port(s) (rear) 2 USB 2.0 Type-A port(s) (rear) 2 USB 3.2 Gen1 Type-A port(s) (front) Video: 1 VGA port(s)







System Cooling	Fans: 1x 90mm Fan(s)
Power Supply	400W Gold Level power supply
System BIOS	BIOS Type: AMI 256MB SPI Flash
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline; TAS: Supermicro Thin-Agent Service (TAS); SAA(new!); IPMICFG; SMCIPMITool
PC Health Monitoring	Voltage: +1.0V PCH, +1.8V PCH, +12V, +3.3V, +5V, +5V standby, 1.05 (PCH), 3.3V standby, 5 (4-pin), CPU, CPU temperature, CPU thermal trip support, PCH temperature, System temperature, VBAT, VRM temperature
Dimensions and Weight	Weight: Gross Weight: 20 lbs (9.07 kg)  Net Weight: 16 lbs (7.26 kg)  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 X13SCL-F
Chassis	<u>CSE-731I-404B</u>