

# UP Workstation SYS-531R-I

UP mid tower with 4 internal 3.5" SATA drive bays and PCIe 5.0



## Key Applications

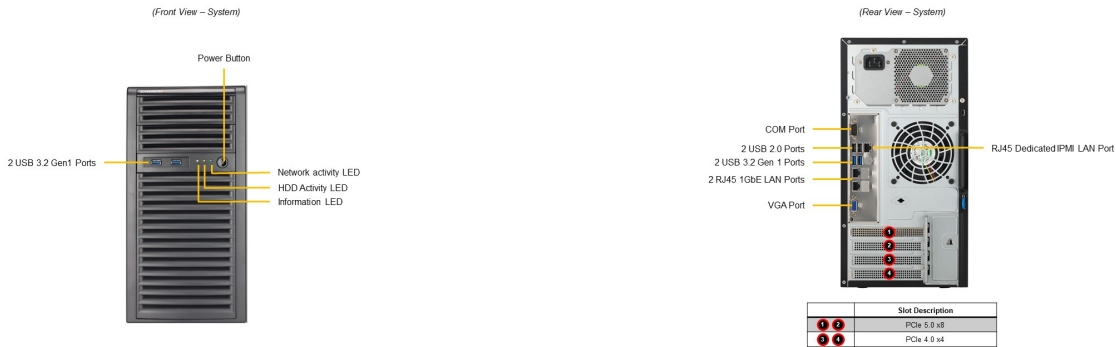
Storage, application and centralized data backup system Applications, IPMI for remote management, Entry-Level Server for SOHO and SMB,

## Key Features

- Supports Intel® Xeon® E-2400 Series Processors;
- PCIe 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<br>Enclosure: 184 x 362 x 425mm (7.25" x 14.25" x 16.75")<br>Package: 279 x 508 x 533mm (11" x 20" x 21")                                                                                |
| Processor                | Single processor(s)<br>Intel® Xeon® E-2400 series Processors and 12th Gen. Pentium® Processors<br>Up to 8C/16T                                                                                                |
| GPU                      | Up to 1 double-width or 1 single-width GPU(s)                                                                                                                                                                 |
| System Memory            | Slot Count: 4 DIMM slots<br>Max Memory (2DPC): Up to 128GB 4400MT/s ECC DDR5 UDIMM                                                                                                                            |
| Drive Bays Configuration | Default: Total 4 bay(s) <ul style="list-style-type: none"> <li>• 4 internal fixed 3.5" SATA drive bay(s)</li> </ul> M.2: 1 M.2 PCIe 4.0 x4 NVMe slot(s) (M-key 2280/22110)<br>Peripheral Bays: 2 5.25" bay(s) |
| Expansion Slots          | Default <ul style="list-style-type: none"> <li>• 2 PCIe 5.0 x8 FHFL slot(s)</li> <li>• 1 PCIe 4.0 x4 FHFL slot(s)</li> <li>• 1 PCIe 4.0 x4 FHHL slot(s)</li> </ul>                                            |
| On-Board Devices         | SATA: SATA (6Gbps)<br>Chipset: Intel® C262<br>Network Connectivity: 1 RJ45 1GbE with Realtek RTL8211F PHY (dedicated IPMI)<br>2 RJ45 1GbE with Intel® I210                                                    |
| Input / Output           | USB: 2 USB 3.2 Gen1 Type-A port(s) (rear)<br>2 USB 2.0 Type-A port(s) (rear)<br>2 USB 3.2 Gen1 Type-A port(s) (front)<br>Video: 1 VGA port(s)                                                                 |



|                       |                                                                                                                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System Cooling        | Fans: 1x 90mm Fan(s)                                                                                                                                                                                                                      |
| Power Supply          | 1x 400W Gold Level (90%) 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:<br>+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)<br>Net Weight: 16 lbs (7.26 kg)<br>Available Color: Black                                                                                                                                          |
| Operating Environment | Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)<br>Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)<br>Operating Relative Humidity: 8% to 90% (non-condensing)<br>Non-operating Relative Humidity: 5% to 95% (non-condensing)   |
| Motherboard           | <a href="#">Super X13SCL-F</a>                                                                                                                                                                                                            |
| Chassis               | <a href="#">CSE-731I-404B</a>                                                                                                                                                                                                             |