

Mainstream SuperServer SYS-621P-TR

2U Mainstream with 6 PCIe 5.0 slots and dual 1GbE LAN



More details here

Key Applications

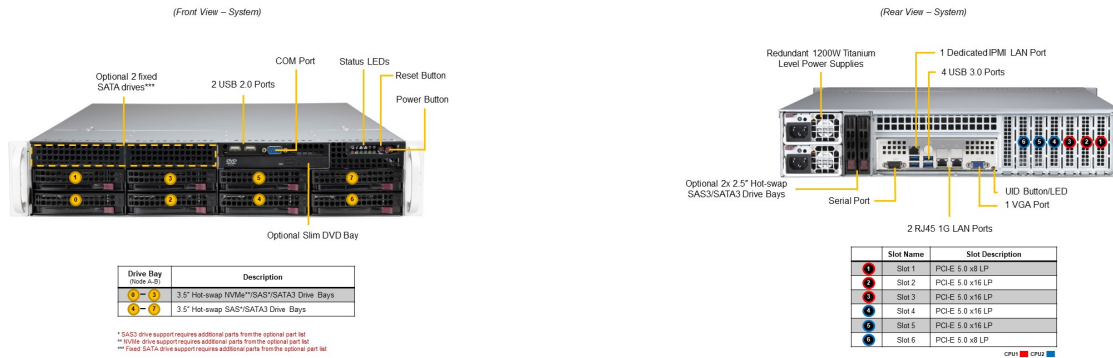
Virtualization, Enterprise Server, Application and data serving, Compute Intensive Applications,

Key Features

- Dual Socket E (LGA-4677) 5th/4th Gen Intel® Xeon® Scalable processors, supports up to 300W TDP;
- 16 DIMM slots, Up to 4TB DDR5-5600MHZ/4800MHZ ECC Registered RDIMM;
- 4 PCIe 5.0 x16 Low Profile (LP), 2 PCIe 5.0 x8 Low Profile (LP);
- 1200W Redundant Titanium level Power Supplies;



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| Form Factor | 2U Rackmount Enclosure: 437 x 89 x 647mm (17.2" x 3.5" x 25.5") Package: 678 x 290 x 876mm (26.7" x 11.4" x 34.5") |
| Processor | Dual Socket E (LGA-4677) 5th Gen Intel® Xeon®/4th Gen Intel® Xeon® Scalable processors |
| System Memory | Slot Count: 16 DIMM slots Max Memory (1DPC): Up to 4TB 5600MT/s ECC DDR5 RDIMM |
| Drive Bays Configuration | Default: Total 8 bays <ul style="list-style-type: none"> • 4 front hot-swap 3.5" NVMe*/SAS*/SATA drive bays • 4 front hot-swap 3.5" SAS*/SATA drive bays (*NVMe/SAS support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 2 M.2 NVMe slots (M-key) Peripheral Bays: 1 slim DVD bay (optional) |
| Expansion Slots | PCI-Express (PCIe) Configuration: Default <ul style="list-style-type: none"> • 2 PCIe 5.0 x8 LP slots • 4 PCIe 5.0 x16 LP slots M.2: 2 M.2 PCIe 4.0 x2 NVMe slots (M-key) |
| On-Board Devices | SATA: SATA (6Gbps) Network Connectivity: 2 RJ45 1GbE |
| Input / Output | LAN: 1 RJ45 1 GbE Dedicated BMC LAN port USB: 2 USB 2.0 ports(front) 4 USB 3.0 ports(rear) Video: 1 VGA port Serial: 1 COM port(Rear) 1 COM port(Front) DOM: 2 SuperDOM (Disk on Module) ports TPM: 1 TPM Onboard/port 80 |



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| System Cooling | Fans: Up to 3 middle 8cm Fan(s) |
| Power Supply | 2x 1200W Redundant (1 + 1) Titanium Level (96%) power supplies |
| System BIOS | BIOS Type: AMI 32MB SPI Flash EEPROM |
| Management | SuperCloud Composer® (SCC); 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 | CPU: Monitors for CPU Cores, Chipset Voltages, Memory FAN: Fans with tachometer monitoring Pulse Width Modulated (PWM) fan connectors Status monitor for speed control Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors |
| Dimensions and Weight | Weight: Gross Weight: 69 lbs (31.2 kg) Net Weight: 36.38 lbs (16.5 kg) Available Color: Black |
| Operating Environment | RoHS Compliant Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -30°C to 60°C (-40°F to 140°F) Operating Relative Humidity: 8% to 80% (non-condensing) Non-operating Relative Humidity: 8% to 90% (non-condensing) |
| Motherboard | Super X13DEI |
| Chassis | CSE-825BTS-R1K23LPP1 |