Mainstream SuperServer SYS-740P-TRT

4U tower server with 10G LAN for office and enterprise applications

More details here

Key Applications

Enterprise Server, Application and data serving, Model analysis, Compute Intensive Applications, Office environment,

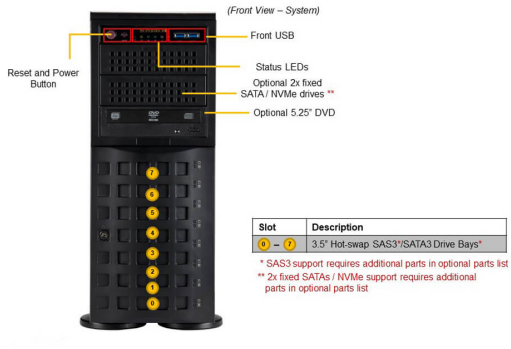


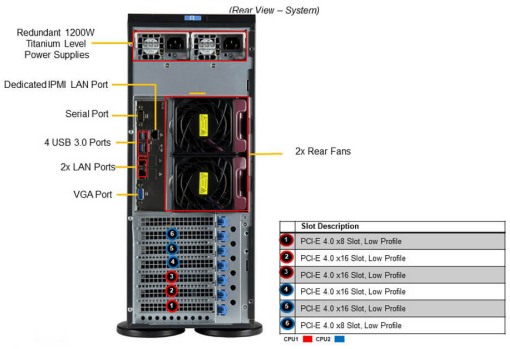
Key Features

- Dual sockets P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors;CPU TDP supports Up to 270W TDP;3 UPI up to 11.2 GT/s;
- Up to 4TB 3DS ECC RDIMM, DDR4-3200MHz, Up to 4TB 3DS ECC LRDIMM, DDR4-3200MHz ;- Up to 4TB Intel® Optane™ Persistent Memory 200 Series, DDR4-3200MHz, in 18 DIMM slots (P1-DIMMB2 and P2-DIMMB2 are reserved for Intel® Optane Persistent Memory 200 Series only);
- 4 PCIe 4.0 x16 Full Height (FH);2 PCIe 4.0 x8 Full Height (FH);
- Dual 10GBase-T LAN with Intel® X550 Ethernet Controller;
- Three 80mm high-performance 9.4K RPM Hot-swappable Middle Cooling Fans;Two 80mm 9.4K RPM Rear Exhaust Fans;1 air shroud;
- 1200W Redundant Power Supplies Titanium level 100-240Vac and 200-240 Vdc, Whisper-Quiet;
- 1 rear VGA, 1 Type A port, 1 COM Port (rear) and 6 USB ports (2 front USB 3.0 and 4 rear USB 3.0);

Form Factor	Tower/4U Rackmount Enclosure: 178 x 452 x 647mm (7" x 17.8" x 25.5") Package: 356 x 625 x 795mm (14" x 24.6" x 31.3")
Processor	Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 36C/72T; Up to 60MB Cache per CPU
System Memory	Slot Count: 16 DIMM slots Max Memory (2DPC): Up to 4TB 3200MT/s ECC DDR4 RDIMM/LRDIMM Supports Intel® Optane™ persistent memory 200 series
Drive Bays Configuration	Default: Total 8 bay(s) • 8 front hot-swap 3.5" SAS*/SATA drive bay(s) Option A: Total 10 bay(s) • 8 front hot-swap 3.5" SAS*/SATA drive bay(s) • 2 front fixed 3.5" NVMe*/SATA* drive bay(s) (*NVMe/SAS/SATA support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 1 M.2 NVMe slot(s) (M-key) Peripheral Bays: 1 5.25" DVD bay(s) (optional)
Expansion Slots	Default • 4 PCIe 4.0 x16 LP slot(s) • 2 PCIe 4.0 x8 LP slot(s)
On-Board Devices	Chipset: Intel® C621A Network Connectivity: 2 RJ45 10GbE
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port(s) USB: 2 USB 2.0 port(s) (front) 4 USB 3.0 port(s) (rear) Video: 1 VGA port(s) DOM: 2 SuperDOM (Disk on Module) port(s)

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System Cooling	Fans: 3 middle Fan(s) 2 rear Fan(s)
Power Supply	1x 1200W Redundant Titanium Level (96%) power supply
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
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	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 4+1 Phase-switching voltage regulator FAN: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors
Dimensions and Weight	Weight: Gross Weight: 73.5 lbs (33.9 kg) Net Weight: 56 lbs (25.9 kg) Available Color: Black
Operating Environment	RoHS Compliant 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 X12DPi-NT6**
Chassis	**CSE-745BTS-R1K23BP**

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