Mainstream SuperServer SYS-740P-TR

4U tower server for office and enterprise applications

More details here

Key Applications

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

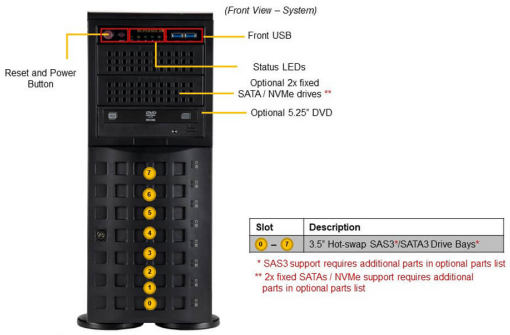


Key Features

- 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 Gigabit LAN with Intel® i350 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);

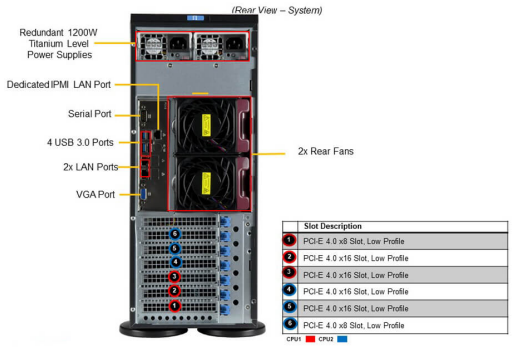
Form Factor	Tower/4U Rackmount Enclosure: 178 x 452 x 647mm (7" x 17.8" x 25.5") Package: 356 x 625 x 795mm (14" x 24.6" x 31.3")
Processor	Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 36C/72T; Up to 60MB Cache per CPU
System Memory	Slot Count: 16 DIMM slots Max Memory (2DPC): 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 1GbE
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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Slot	Description
0 – 7	3.5" Hot-swap SAS3*/SATA3 Drive Bays*

* SAS3 support requires additional parts in optional parts list
** 2x fixed SATAs / NVMe support requires additional parts in optional parts list



	Slot Description
1	PCI-E 4.0 x8 Slot, Low Profile
2	PCI-E 4.0 x16 Slot, Low Profile
3	PCI-E 4.0 x16 Slot, Low Profile
4	PCI-E 4.0 x16 Slot, Low Profile
5	PCI-E 4.0 x16 Slot, Low Profile
6	PCI-E 4.0 x8 Slot, Low Profile

CPU1 CPU2

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-N6**
Chassis	**CSE-745BTS-R1K23BP**

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