

ThinkStation P3 Ultra SFF

PSREF

Product Specifications
Reference

PERFORMANCE

- Processor**
Intel® Core™ i9-14900, 24C (8P + 16E) / 32T, Max Turbo up to 5.8GHz, P-core 2.0 / 5.4GHz, E-core 1.5 / 4.3GHz, 36MB
- AI PC Category**
AI-Ready Workstations
- Processor Sockets**
1x FCLGA1700
- Integrated Graphics**
Integrated Intel® UHD Graphics 770
- Discrete Graphics**
None
- Chipset**
Intel® W680 Chipset
- Memory^[1]**
1x 32GB SO-DIMM DDR5-4800 Non-ECC
- Memory Slots**
Four DDR5 SO-DIMM slots, dual-channel capable
- Max Memory^[2]**
Up to 192GB (4x 48GB DDR5 SO-DIMM)
- PCIe® NVMe® Controller**
Integrated NVMe® controller
- PCIe® NVMe® Drive**
1x 1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal
- SATA Controller**
Integrated SATA controller
- SATA/SAS Drive**
None
- Storage Support^[3]**
Up to 1x 2.5" HDD or SSD + 2x M.2 SSD
- 2.5" HDD up to 1TB
 - 2.5" SSD up to 7.68TB
 - M.2 SSD up to 4TB each
- Audio Chip**
High Definition (HD) Audio, Realtek® ALC897-Q codec
- Power Supply**
300W 90% Adapter

DESIGN

- Keyboard**
USB Traditional Keyboard, Black, English
- Mouse**
USB Calliope Mouse, Black
- Expansion Slots**
Two PCIe® slots with one PCIe® 4.0 x16 and one PCIe® 3.0 x8.
- Slot 1: PCIe® 4.0 x16 (via MXM to PCIe® riser card), low profile, 75W, double-width
 - Slot 2: PCIe® 3.0 x8 (x4 lanes), low profile, 25W

- Bays**
1x 2.5" disk bay (optional, comes with disk)
- Dust Filter**
None
- Dimensions (WxDxH)^[4]**
87 x 223 x 202 mm (3.43 x 8.78 x 7.95 inches)
- Weight^[5]**
3.6 kg (7.94 lbs, maximum configuration)

CONNECTIVITY

- Onboard Ethernet**
Intel® I225-LM + I210-AT, 2x RJ-45, 2.5GbE + GbE
- Optional Ethernet**
None
- WLAN + Bluetooth^[6]**
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.1, vPro®
- Front Ports**
- 2x Thunderbolt™ 4
 - 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
 - 1x headphone / microphone combo jack (3.5mm)
- Rear Ports**
- 4x USB-A (USB 10Gbps / USB 3.2 Gen 2)
 - 3x DisplayPort™ 1.2
 - 1x Ethernet (2.5GbE RJ-45)
 - 1x Ethernet (GbE RJ-45)
- Optional Rear Ports (configured)**
None

SECURITY & PRIVACY

- Security Chip**
Discrete TPM 2.0, TCG certified, FIPS 140-2 certified
- Physical Locks**
Kensington® Security Slot™, 3 x 7 mm
- Chassis Intrusion Switch**
Chassis Intrusion Switch

MANAGEABILITY

- System Management^[7]**
Intel® vPro® Enterprise with Intel® AMT 16

SERVICE

- Base Warranty**
3-year, Onsite
- Included Upgrade**
3Y Premier Support Upgrade from 3Y Onsite

CERTIFICATIONS

- Green Certifications**
- ENERGY STAR® 8.0, EPEAT™ Gold Registered
 - ENERGY STAR® 8.0
 - EPEAT™ Gold Registered
 - RoHS compliant
 - TCO Certified 9.0
- ISV Certifications**
Please visit [ISV certifications for Lenovo® Workstations](#)
- Mil-Spec Test**
MIL-STD-810H military test passed

SOFTWARE

- Operating System**
Windows® 11 Pro, English
- Bundled Software**
None

MODEL

TopSeller	: Yes	Announce Date	: 2024-04-09
EAN / UPC / JAN	: 198153626632	End of Support	: 2031-05-24

Product image is a sample, it may not match the real color of this model

Note:

[1] System comes with DDR5-4800 memory and will run at lower speed due to platform limitations:
4x 32GB configuration runs at 3600 MT/s;
other configurations run at 4000 MT/s.

[2] The max memory is based on the test results with current Lenovo memory offerings.

[3] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[4] The system dimensions may vary depending on configurations.

[5] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

[6] Bluetooth 5.3 is hardware ready but may run at a lower.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2235?M=30HA007IUS>

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Advanced technical support, 24x7x365, in more than 100 markets

Technical Account Managers for proactive relationship and escalation management

Comprehensive hardware & OEM software support

Priority on service delivery and repair parts

Single point of contact for simplified end-to-end case management

Lenovo Service Connect Portal for customized reporting and product support

Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories

Kensington MicroSaver 2.0 Cable Lock from Lenovo

Protect your device. Lenovo offers the latest standard in device security – the MicroSaver 2.0 Cable Lock From Lenovo. Engineered to be the smallest, strongest lock for laptops and other devices, the MicroSaver 2.0 re...

Recommended Services

BEST

4Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39058)

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>

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Reference