

ThinkStation P3 Ultra SFF

PSREF

Product Specifications
Reference

PERFORMANCE

- Processor**
Intel® Core™ i9-14900K, 24C (8P + 16E) / 32T, Max Turbo up to 6.0GHz, P-core 3.2 / 5.6GHz, E-core 2.4 / 4.4GHz, 36MB
- AI PC Category**
AI-Ready Workstations
- Processor Sockets**
1x FCLGA1700
- Integrated Graphics**
Integrated Intel® UHD Graphics 770
- Discrete Graphics**
1x NVIDIA® T1000 8GB
- Chipset**
Intel® W680 Chipset
- Memory^[1]**
2x 16GB 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 (EU)
- 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)**
4x miniDP 1.4 on NVIDIA® T1000 8GB

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**
1Y Premier Support from 3Y Onsite Windchill bundles (CPN)

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, Romanian / English
- Bundled Software**
None

MODEL

- | | | | |
|------------------------|-----------------|-----------------------|--------------|
| TopSeller | : Yes | Announce Date | : 2024-02-27 |
| EAN / UPC / JAN | : 0197531841698 | 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=30HA004HRI>

Premier Support - A direct 24x7x365 line to our most elite technicians.

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories

Lenovo USB-C to Ethernet Adapter

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

Recommended Services

BETTER	5Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67028)
GOOD	4Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67027)

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

PSREF
Product Specifications
Reference