ThinkStation P3 Ultra SFF

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i7-14700, 20C (8P + 12E) / 28T, Max Turbo up to 5.4GHz, P-core 2.1 / 5.3GHz, E-core 1.5 / 4.2GHz, 33MB

AI PC Category
AI-Ready Workstations

Processor Sockets
1x FCLGA1700

Integrated Graphics
Integrated Intel® UHD Graphics 770

Discrete Graphics
1x NVIDIA® RTX A2000 12GB

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)
4x miniDP 1.4a on NVIDIA® RTX A2000 12GB

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	: 198153626601	**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=30HA005XUS

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

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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

PSREF
Product Specifications Reference