ThinkStation P3 Tower Gen 2 30HT00A3IX

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel Core™ Ultra 9 285K, 24C (8P + 16E) / 24T, Max Turbo up to 5.7GHz, 36MB Intel® Smart Cache

AI PC Category[1]
AI-Ready Workstations

Processor Sockets
1x FCLGA1851

Integrated Graphics
Integrated Intel® Graphics

Discrete Graphics
None

Chipset
Intel® W880 Chipset

Memory
1x 32GB UDIMM DDR5-5600 Non-ECC

Memory Slots
Four DDR5 UDIMM slots, dual-channel capable

Max Memory[2]
Up to 256GB (4x 64GB DDR5 CUDIMM)

PCIe NVMe Controller
Integrated NVMe® Controller

PCIe NVMe Drive
1x 1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal

SATA Controller
Onboard Intel® RSTe SATA RAID

SATA/SAS Drive
None

Optical
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC623-CG codec

Power Supply
750W Platinum Fixed

DESIGN

Keyboard
USB, Calliope, Black, Italian

Mouse
USB Calliope Mouse, Black

Dimensions (WxDxH)[3]
180 x 370 x 415 mm (7.09 x 14.57 x 16.34 inches)

Weight[4]
14.38 kg (31.70 lbs, maximum configuration)

CONNECTIVITY

Onboard Ethernet
Intel® I219-LM, 1x GbE RJ-45

Optional Ethernet
None

WLAN + Bluetooth
None

Card Reader
SD Card Reader

Front Ports
- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

Optional Front Ports (configured)
1x SD card reader

Rear Ports
- 2x USB-A (Hi-Speed USB / USB 2.0)
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one supports Smart Power On
- 1x HDMI® 2.1 TMDS
- 2x DisplayPort™ 1.4
- 1x Ethernet (GbE RJ-45)
- 1x line-out (3.5mm)

Optional Rear Ports (configured)
1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2)

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

Physical Locks
- Kensington Security Slot™, 3 x 7 mm
- Padlock Loop

Cover Lock
None

Cable Lock
No Cable

Chassis Intrusion Switch
Chassis Intrusion Switch

MANAGEABILITY

System Management
Intel® vPro® Enterprise with Intel® AMT 16

SERVICE

Base Warranty
3-year, Onsite

Included Upgrade
None

CERTIFICATIONS

ISV Certifications
Please visit ISV certifications for Lenovo® Workstations

Mil-Spec Test
MIL-STD-810H military test passed

SOFTWARE

Operating System
Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

Bundled Software
None

MODEL

TopSeller	: Yes	**EAN / UPC / JAN**	: 0199274241490
Announce Date	: 2025-12-14	**End of Support**	: 2033-05-17



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

Note:
[1] With scalable configurations of higher-performance CPUs and professional NVIDIA RTX GPUs, in addition to advantage of the same modern AI PC technology, AI-Ready workstation power the demanding AI consumption & development workflows.
[2] The max memory is based on the test results with current Lenovo memory offerings.
[3] The system dimensions may vary depending on configurations.
[4] 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.

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.

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

- Advanced technical support, 24x7x365, in more than 100 markets
- Comprehensive hardware & OEM software support
- Single point of contact for simplified end-to-end case management
- Technical Account Managers for proactive relationship and escalation management
- Priority on service delivery and repair parts
- 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

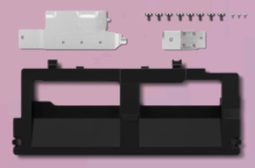
Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right 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

United Kingdom



Lenovo 350 Bluetooth Silent Mouse (Fan Edition - Argentina) GY51U71763



ThinkStation Cable Kit for Graphics Card - P3 Tower G2 4XH1U85099



Intel E810-DA2 10/25GbE SFP28 2-Port PCIe Ethernet Adapter 4XC1U87489

Please click here to view the full list of accessories.

Lenovo PSREF
Product Specifications Reference