ThinkCentre neo Ultra

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 PC

NPU
Discrete NPU card, up to 30 TOPS

Graphics[1]
NVIDIA® GeForce RTX™ 4060 8GB GDDR6

Chipset
Intel® Q670 Chipset

Memory
1x 16GB SO-DIMM DDR5-5600

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory[2]
Up to 64GB DDR5-5200

Storage
1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

Storage Support[3]
Dual SSD mode: up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 2TB

RAID Preset
None

Card Reader
No card reader

Optical
None

Audio Chip
High Definition (HD) Audio

Speakers
2Wx1

Power Supply
350W 92%

DESIGN

Keyboard
USB Calliope Keyboard, Black, English (EU)

Mouse
USB Calliope Mouse, Black

Expansion Slots
Four M.2 slots (one for WLAN, one for AI Card, two for SSD)

Case Color
Luna Grey

Pen
Pen Not Supported

Form Factor
Tiny (3.6L)

Dimensions (WxDxH)[4]
195 x 191 x 108 mm (7.68 x 7.52 x 4.25 inches)

Weight[5]
Around 3.5 kg (7.72 lbs)

CONNECTIVITY

Ethernet
Integrated 100/1000M

WLAN + Bluetooth®
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3, vPro®

WWAN
Non-WWAN

Front Ports
- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2), one supports 5V@2.1A charging
- 1x headphone / microphone combo jack (3.5mm)

Rear Ports
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x HDMI® 2.1 TMDS
- 1x HDMI® 2.1a FRL
- 4x DisplayPort™ 1.4a
- 1x Ethernet (GbE RJ-45)

Optional Rear Ports (configured)
1x HDMI® 2.1a FRL, 3x DP 1.4a (HBR3, DSC) on NVIDIA® GeForce RTX™ 4060

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 integrated in chipset

Fingerprint Reader
No fingerprint reader

Physical Locks
Kensington® Security Slot™

MANAGEABILITY

System Management[6]
Intel® vPro® Enterprise

SERVICE

Base Warranty
1-year, Courier or Carry-in

Included Upgrade
3Y Onsite from 1Y Courier/Carry In SEE (CPN)

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 8.0
- ErP Lot 3
- GREENGUARD®
- RoHS compliant
- TCO Certified

SOFTWARE

Operating System
Windows® 11 Pro, Polish / English

Bundled Software
None

ACCESSORIES

Bundled Accessories
None

MODEL

TopSeller	: Yes	**Announce Date**	: 2024-07-02
EAN / UPC / JAN	: 0198154692599	**End of Support**	: 2031-01-29

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

Note:
[1] The information of integrated graphics are not applicable for the models with processor which has no integrated graphics inside (for the details, please refer to processor section).
[2] The max memory is based on the test results with current Lenovo memory offerings.
[3] The max capacity of each disk type 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 reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2489?M=12W1001WPB

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

ThinkCentre Tiny VESA Mount II

The ThinkCentre Tiny VESA Mount II is a unique design specific to house the Tiny PC while featuring the universal VESA mount configuration. The VESA standard enables this mount to attach to anything that is VESA comp...

ThinkPad USB3.0 to Ethernet Adapter

The ThinkPad USB3.0 to Ethernet Adapter is quick and easy way to connect your notebook and desktop to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

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

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