ThinkCentre neo Ultra 12W1001DCA



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- 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 Intel Smart Cache
- 1x 32GB SODIMM DDR5-5200
- 1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- NVIDIA GeForce RTX 4060 8GB GDDR6
- Windows 11 Pro, French
- Case color - Luna Grey
- 1-year, Onsite

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

Recommended Accessories

United Kingdom



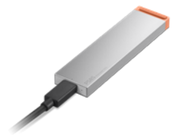
ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Lenovo Analog In-Ear Headphones Gen II Bulk Package (20pcs)

4XD1T54899



Lenovo PS8S Portable SSD 4TB

4XB1T91892



Lenovo 310 FHD Webcam Black

GXC1S15024



ThinkCentre Tiny DP Expansion Card with BTB Connector

4XH1K25075



ThinkCentre Tiny Power Cage III

4XF1M39041

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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 Intel® Smart Cache

AI PC Category
AI PC[1]

NPU
Discrete NPU card, up to 30 TOPS

Graphics[2]
NVIDIA GeForce RTX™ 4060 8GB GDDR6

Chipset
Intel® Q670 Chipset

Memory
1x 32GB SODIMM DDR5-5200

Memory Slots
Two DDR5 SODIMM slots, dual-channel capable

Max Memory[3]
Up to 64GB DDR5-5200

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

Max Storage Support[4]
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, French

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)[5]
195 x 191 x 108 mm (7.68 x 7.52 x 4.25 inches)

Weight[6]
Around 3.5 kg (7.72 lbs)

CONNECTIVITY

WLAN + Bluetooth
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3, vPro®[7]

WWAN
WWAN Not Supported

Ethernet
Integrated 100/1000M

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[8]
- 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)
- DP 1.4
- 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[9]
Intel® vPro® Enterprise

SERVICE

Base Warranty
1-year, Onsite

Included Upgrade
None

CERTIFICATIONS

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

SOFTWARE

Operating System
Windows® 11 Pro, French

Bundled Software
None

ACCESSORIES

Bundled Accessories
None

MODEL

TopSeller	: Yes	**EAN / UPC / JAN**	: 198154604875
Announce Date	: 2024-07-02	**End of Support**	: 2031-01-29

Note:
[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft Copilot key or using Win + C.
[2] 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).
[3] The max memory is based on the test results with current Lenovo memory offerings.
[4] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.
[5] The system dimensions may vary depending on configurations.
[6] 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.
[7] Intel vPro platform requires the hardware and software necessary to deliver the manageability use cases, security features, system performance, and stability that define the platform. For detailed vPro support information, please refer to the System Management section.
[8] For video ports on discrete graphics, please see graphics section
[9] Intel vPro offers a superset of DASH's defined capabilities.

- 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.