ThinkCentre neo 50t Gen 6 13BD005CPB



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

- Intel Core™ Ultra 3 205, 8C (4P + 4E) / 8T, Max Turbo up to 4.9GHz, 15MB Intel® Smart Cache
- 1x 16GB UDIMM DDR5-5600
- 512GB SSD M.2 2280 PCIe® 4.0x4 NVMe®
- Integrated Intel® Graphics
- Windows® 11 Pro, Polish / English
- Case color - Raven Black
- 3Y Onsite upgrade from 1Y Courier/Carry-in (CPN)

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

Poland



Lenovo Wireless VoIP Headset (USB-C, Teams)

4XD1W27286



Lenovo 900 Multi-Device Wireless Mouse

GY51V37443



Lenovo USB 20Gbps USB-C to USB-C Cable 1.5m

4X91U92143

>> View More Accessories

Recommended Services

Best

4Y Premier Support for AIPC upgrade from 3Y Onsite (5WS1W19893)

Better

3Y Premier Support for AIPC upgrade from 3Y Onsite (5WS1W19914)

Good

5Y Onsite upgrade from 3Y Onsite (5WS1R69022)

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PERFORMANCE

Processor
Intel Core™ Ultra 3 205, 8C (4P + 4E) / 8T, Max Turbo up to 4.9GHz, 15MB Intel® Smart Cache

AI PC Category
AI PC[1]

NPU
Integrated Intel® AI Boost, up to 13 TOPS

Graphics[2]
Integrated Intel® Graphics

Chipset
Intel® B860 chipset

Memory
1x 16GB UDIMM DDR5-5600

Memory Slots
Two DDR5 UDIMM slots, dual-channel capable

Max Memory[3]
Up to 64GB DDR5-5600

Storage
512GB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Max Storage Support[4][5]
- Up to three drives, 1x 3.5" HDD + 2x M.2 SSD • 3.5" HDD up to 2TB • M.2 SSD up to 1TB each
- To install a HDD storage, 3.5" HDD screw and grommet kit is needed.

Card Reader
3-in-1 card reader (SD, SDHC, SDXC)

Optical
No optical drive

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

Speakers
2Wx1

Power Supply
200W 90%

DESIGN

Keyboard
USB, Calliope, Black, English (EU)

Mouse
Lenovo® Calliope Mouse (USB connector), black

Optional Bay
3.5" HDD Bracket

Expansion Slots
- One PCIe® 4.0 x16, full-height, length ≤ 233.6mm, height ≤ 117.5mm
- One PCIe® 3.0 x1, full-height, (length ≤ 185mm, height ≤ 100mm) or (length ≤ 118mm, height ≤ 110mm)
- Three M.2 slots (one for WLAN, two for SSD)

Case Color
Raven Black

System Fan
None

Toolless Chassis Screw
Toolless Chassis Screw

Pen
Pen Not Supported

Form Factor
Tower (13.6L)

Dimensions (WxDxH)[6]
145 x 292.2 x 365 mm (5.71x 11.50 x 14.37 inches)

Weight[7]
Around 5.8 kg (12.79 lbs)

CONNECTIVITY

WLAN + Bluetooth
Intel® Wi-Fi® 6 AX203, 802.11ax 2x2 + BT5.2

WWAN
WWAN not supported

Ethernet
RTL8111K, 1x RJ-45

Front Ports
- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with data transfer and 15W charging
- 2x USB-A (Hi-Speed USB / USB 2.0)
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

Rear Ports[8]
- 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
- 1x DisplayPort™ 1.4
- 1x VGA
- 1x Ethernet (RJ-45)
- 1x line-out (3.5mm)

Optional Rear Ports (configured)
None

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

Smart Cable Clip
None

Chassis Intrusion Switch
Chassis Intrusion Switch

SERVICE

Base Warranty
1-year courier or carry-in service

Included Upgrade
3Y Onsite upgrade from 1Y Courier/Carry-in (CPN)

CERTIFICATIONS

Green Certifications
RoHS / WEEE / REACH

SOFTWARE

Operating System
Windows® 11 Pro, Polish / English

Bundled Software
None

ACCESSORIES

Bundled Accessories
None

MODEL

TopSeller	: Yes	**EAN / UPC / JAN**	: 0199274632465
Announce Date	: 2026-01-30	**End of Support**	: 2032-02-11

Note:
[1] AI PCs have a Neural Processing Unit (NPU) designed to accelerate artificial intelligence and machine learning workloads on the device.
[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] 3.5" HDD bracket kit is optional or comes with pre-configured HDD models.
[6] The system dimensions may vary depending on configurations.
[7] 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.
[8] For video ports on discrete graphics, please see graphics section

- 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.