# ThinkCentre neo 50t Gen 5

**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

**Graphics[1]**
Integrated Intel® UHD Graphics 770

**Chipset**
Intel® B760 Chipset

**Memory**
1x 8GB UDIMM DDR5-5600

**Memory Slots**
Two DDR5 UDIMM slots, dual-channel capable

**Max Memory[2]**
Up to 64GB DDR5-5600

**Storage**
512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

**Storage Support[3][4]**
Up to three drives, 1x 3.5"HDD + 1x 2.5"HDD + 1x M.2 SSD
• 3.5" HDD up to 2TB
• M.2 SSD up to 1TB
• 2.5" HDD bay is only for customer self upgrade

**Card Reader**
3-in-1 Card Reader

**Optical**
DVD±RW

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

**Speakers**
2Wx1

**Power Supply**
260W 90%

## DESIGN

**Keyboard**
USB Calliope Keyboard, Black, English (UK)

**Mouse**
USB Calliope Mouse, Black

**Optional Bay**
None

**Expansion Slots**
- One PCIe® 3.0 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)
- Two M.2 slots (one for WLAN, one for SSD)

**Case Color**
Black

**System Fan**
None

**Toolless Chassis Screw**
Toolless Chassis Screw

**Pen**
Pen Not Supported

**Form Factor**
Tower (13.6L)

**Dimensions (WxDxH)[5]**
145 x 294 x 340 mm (5.71x 11.57 x 13.39 inches)

**Weight[6]**
Around 5.6 kg (12.35 lbs)

## CONNECTIVITY

**WLAN + Bluetooth®**
Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 + BT5.2

**WWAN**
Non-WWAN

**Ethernet**
RTL8111K, 1x RJ-45

**Front Ports**
- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with data transfer and 15W charging
- 4x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

**Rear Ports[7]**
- 4x USB-A (Hi-Speed USB / USB 2.0), one supports Smart Power On
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4a (HBR2)
- 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

**Physical Locks**
- Kensington® Security Slot™
- Padlock Loop

**Smart Cable Clip**
None

**Chassis Intrusion Switch**
Chassis Intrusion Switch

## MANAGEABILITY

**System Management**
None

## SERVICE

**Base Warranty**
1-year, Courier or Carry-in

**Included Upgrade**
2Y Courier/Carry-in upgrade from 1Y Courier/Carry-in

## CERTIFICATIONS

**Green Certifications**
- RoHS / WEEE / REACH
- TCO Certified 9.0

## SOFTWARE

**Operating System**
Windows® 11 Pro, English

**Bundled Software**
None

## ACCESSORIES

**Bundled Accessories**
None

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **Announce Date** | : 2024-07-15 |
| **EAN / UPC / JAN** | : 0198154042547 | **End of Support** | : 2031-02-15 |

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.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2483?M=12UD000TUM

## 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

### Lenovo USB-C to Ethernet Adapter

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

### 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**

**PSREF**
**Product Specifications Reference**