

# ThinkCentre neo 50t Gen 5

## PSREF Product Specifications Reference

### PERFORMANCE

#### Processor

Intel® Core™ i7-13700, 16C (8P + 8E) / 24T, Max Turbo up to 5.2GHz, P-core 2.1 / 5.1GHz, E-core 1.5 / 4.1GHz, 30MB

#### Graphics<sup>[1]</sup>

Integrated Intel® UHD Graphics 770

#### Chipset

Intel® B760 Chipset

#### Memory

1x 16GB UDIMM DDR5-5600

#### Memory Slots

Two DDR5 UDIMM slots, dual-channel capable

#### Max Memory<sup>[2]</sup>

Up to 64GB DDR5-5600

#### Storage

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

#### Storage Support<sup>[3][4]</sup>

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, Turkish

#### 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)<sup>[5]</sup>

145 x 294 x 340 mm (5.71x 11.57 x 13.39 inches)

#### Weight<sup>[6]</sup>

Around 5.6 kg (12.35 lbs)

### CONNECTIVITY

#### Ethernet

RTL8111K, 1x RJ-45

#### WLAN + Bluetooth®

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

#### WWAN

Non-WWAN

#### 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<sup>[7]</sup>

- 4x USB-A (Hi-Speed USB / USB 2.0)
- 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

None

#### Bundled Software

None

### ACCESSORIES

#### Bundled Accessories

None

### MODEL

<b>TopSeller</b>	: Yes	<b>Announce Date</b>	: 2024-07-15
<b>EAN / UPC / JAN</b>	: 0198154580193	<b>End of Support</b>	: 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=12UB00OLTR>

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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

### Kensington MicroSaver 2.0 Cable Lock from Lenovo

Protect your device. Lenovo offers the latest standard in device security - the MicroSaver 2.0 Cable Lock From Lenovo. Engineered to be the smallest, strongest lock for laptops and other devices, the MicroSaver 2.0 re...

### 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.

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

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