# ThinkCentre neo 50s Gen 5 12XD0078TR

## 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<sup>®</sup> UHD Graphics 770

Chipset Intel® B760 Chipset

Memory<sup>[2]</sup>

1x 16GB UDIMM DDR5-5600

Memory Slots

Two DDR5 UDIMM slots, dual-channel capable Max Memory<sup>[3]</sup>

Up to 64GB DDR5-5600

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

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

- Up to two drives, 1x 3.5" HDD + 1x M.2 SSD
  - 3.5" HDD up to 2TB
  - M.2 SSD up to 1TB
- For installing HDD storage, 3.5" HDD screw and grommet kit is needed.

#### Card Reader

3-in-1 Card Reader

Optical

9.0mm DVD±RW

#### Audio Chip

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

Speakers

Power Supply

260W 90%

## DESIGN

Keyboard USB Calliope Keyboard, Black, Turkish

Mouse USB Calliope Mouse, Black

#### Expansion Slots

- One PCIe<sup>®</sup> 3.0 x16, low-profile, length  $\leq$  155mm, height  $\leq$  70mm
- One PCIe<sup>®</sup> 3.0 x1, low-profile, length  $\leq$  155mm, height  $\leq$  70mm
- Two M.2 slots (one for WLAN, one for SSD)

#### Case Color

Chassis: Black, Bezel: Grey

# Stand

None

#### Pen

Pen Not Supported

Form Factor SFF (8.2L) Dimensions (WxDxH)<sup>[5]</sup>

92.5 x 291.4 x 339.5 mm (3.6 x 11.5 x 13.4 inches) Weight<sup>[6]</sup> Around 4.2 kg (9.3 lbs)

# CONNECTIVITY

Ethernet Integrated 100/1000M

WLAN + Bluetooth®

# None

**WWAN** Non-WWAN

#### Front Ports

- 1x USB-C<sup>®</sup> (USB 5Gbps / USB 3.2 Gen 1), with 15W charging
- 2x 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), one supports Smart Power On
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort<sup>™</sup> 1.4
- 1x VGA
- 1x Ethernet (RJ-45)
- 1x line-out (3.5mm)

**Optional Rear Ports (configured)** None

#### Monitor Cable

None

# **SECURITY & PRIVACY**

#### Security Chip

Discrete TPM 2.0, TCG certified

#### Fingerprint Reader

No fingerprint reader

Physical Locks Kensington® Security Slot™, 3 x 7 mm

#### Smart Cable Clip None

Chassis Intrusion Switch Chassis Intrusion Switch

#### Additional Security None

Lenovo PSREF Product Specifications Reference

## SERVICE

Base Warranty 1-year, Courier or Carry-in Included Upgrade 5Y Onsite upgrade from 1Y Courier/Carry-in Promo(CPN)

# CERTIFICATIONS

**Green Certifications** TCO Certified 9.0

## SOFTWARE

**Operating System** Windows<sup>®</sup> 11 Pro, Turkish / English

Bundled Software

None

## ACCESSORIES

Bundled Accessories

## MODEL

TopSeller	: Yes	Announce Date	: 2024-09-30
EAN / UPC / JAN	: 0198155269257	End of Support	: 2031-04-30



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] Installed memory is actually DDR5-5600 but may run as.....

 $\cdot$  Lenovo reserves the right to change specifications without notice.

To see more note information, please access the web page.

# 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

Technician Installed Customer

Onsite Support

- Replaceable Unit Service
- International Warranty Upgrade

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

# **Recommended** Accessories



# Lenovo USB-C to Ethernet Adapter

## 4X90S91831

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.



# Kensington MicroSaver 2.0 Cable Lock from Lenovo

# 4XE0N80914

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...

Please click here to view the full list of accessories.

