# ThinkCentre neo 50s Gen 5 12XD005MGP

## 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<sup>[1]</sup> Integrated Intel<sup>®</sup> UHD Graphics 770

Chipset

Intel® B760 Chipset

Memory<sup>[2]</sup> 1x 8GB UDIMM DDR5-5600

Memory Slots Two DDR5 UDIMM slots, dual-channel capable

Max Memory<sup>[3]</sup> Up to 64GB DDR5-5600

Storage 1TB SSD M.2 2280 PCIe<sup>®</sup> 4.0x4 NVMe<sup>®</sup> 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

None

#### Audio Chip

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

Speakers 1Wx1

Power Supply

260W 90%

## DESIGN

Keyboard USB Calliope Keyboard, Black, English (UK)

Mouse USB Calliope Mouse, Black

#### **Expansion Slots**

- One PCle\* 3.0 x16, low-profile, length  $\leq$  155mm, height  $\leq$  70mm
- One PCIe<sup>®</sup> 3.0 x1, low-profile, length ≤ 155mm, height ≤ 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

# SERVICE

Base Warranty 1-year, Courier or Carry-in Included Upgrade None

# **CERTIFICATIONS**

Green Certifications TCO Certified 9.0

### SOFTWARE

Operating System None

Bundled Software

None

## **ACCESSORIES**

Bundled Accessories Slim ODD Bracket Kit

### MODEL

TopSeller	: Yes	Announce Date	: 2024-09-30
EAN / UPC / JAN	: 0198155334962	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

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# **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...

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