## ThinkCentre neo 50s Gen 5 12XD009AMH

# Lenovo PSREF Product Specifications Reference

#### **PERFORMANCE**

#### **Processor**

Intel® Core $^{\text{TM}}$  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

#### Memorv<sup>[2]</sup>

2x 32GB UDIMM DDR5-5200

#### **Memory Slots**

Two DDR5 UDIMM slots, dual-channel capable

#### Max Memory[3]

Up to 64GB DDR5-5600

#### Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

#### Storage Support[4]

- 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**

1Wx1

#### **Power Supply**

260W 90%

#### **DESIGN**

#### Keyboard

USB Calliope Keyboard, Black, English (EU)

#### Mouse

USB Calliope Mouse, Black

#### **Expansion Slots**

- One PCle® 3.0 x16, low-profile, length ≤ 155mm, height ≤ 70mm
- One PCle® 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)[5]

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\* (USB 5Gbps / USB 3.2 Gen 1), with 15W charging
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x headphone / microphone combo iack (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<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

3Y Onsite from 1Y Courier/Carry In SEE (CPN)

#### **CERTIFICATIONS**

#### **Green Certifications**

TCO Certified 9.0

#### **SOFTWARE**

#### **Operating System**

None

**Bundled Software** 

None

#### **ACCESSORIES**

#### **Bundled Accessories**

None

#### **MODEL**

 TopSeller
 : Yes
 Announce Date
 : 2024-09-30

 EAN / UPC / JAN
 : 0198155270581
 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.....

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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



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**

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

4XF0N80914

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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