# ThinkCentre neo 50s Gen 5 12XD004SPS

PSREF
Product Specifications Reference

## PERFORMANCE

**Processor**
Intel® Core™ i5-14400, 10C (6P + 4E) / 16T, P-core 2.5 / 4.7GHz, E-core 1.8 / 3.5GHz, 20MB

**Graphics**[1]
Integrated Intel® UHD Graphics 730

**Chipset**
Intel® B760 Chipset

**Memory**[2]
1x 16GB UDIMM DDR5-4800

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

**Max Memory**[3]
Up to 64GB DDR5-5600

**Storage**
512GB 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**
None

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

**Speakers**
1Wx1

**Power Supply**
180W 85%

## DESIGN

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

**Mouse**
USB Calliope Mouse, Black

**Expansion Slots**
- One PCIe® 3.0 x16, low-profile, length ≤ 155mm, height ≤ 70mm
- One PCIe® 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**[6]
Around 4.2 kg (9.3 lbs)

## CONNECTIVITY

**Ethernet**
Integrated 100/1000M

**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 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**[7]
- 4x USB-A (Hi-Speed USB / USB 2.0), one supports Smart Power On
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 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 Courier/Carry-in upgrade from 1Y Courier/Carry-in

## CERTIFICATIONS

**Green Certifications**
TCO Certified 9.0

## SOFTWARE

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

**Bundled Software**
None

## ACCESSORIES

**Bundled Accessories**
Slim ODD Bracket Kit

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **Announce Date** | : 2024-09-30 |
| **EAN / UPC / JAN** | : 0198155331060 | **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.....

· 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
- 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

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.

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