# ThinkCentre neo 50s Gen 4 12JH0052SA

### PERFORMANCE

Processor<sup>[1]</sup> Intel® Core™ i5-13400, 10C (6P + 4E) / 16T, P-core 2.5 / 4.6GHz, E-core 1.8 / 3.3GHz, 20MB

Graphics Integrated Intel® UHD Graphics 730

Chipset Intel® B660 Chipset

Memory 1x 8GB UDIMM DDR4-3200

Memory Slots Two DDR4 UDIMM slots, dual-channel capable

Max Memory<sup>[2]</sup> Up to 64GB DDR4-3200

Storage 512GB SSD M.2 2280 PCIe<sup>®</sup> 4.0x4 NVMe<sup>®</sup> Opal 2.0

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

Card Reader

7-in-1 Card Reader

### Optical

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<sup>®</sup> 4.0 x16, low-profie (length < 167.65mm, height < 68.90mm)</li>
- One PCIe® 3.0 x1, low-profie (length < 167.65mm, height < 68.90mm)</li>
- Two M.2 slots (one for WLAN, one for SSD)

#### Case Color

Black

#### Stand None

Pen

Pen Not Supported

#### Form Factor SFF (7.4L)

**Dimensions (WxDxH)**<sup>[4]</sup> 100 x 308 x 274.8 mm (3.9 x 12.1 x 10.8 inches)

Weight<sup>[5]</sup> Around 4.5 kg (9.9 lbs)

# CONNECTIVITY

WLAN + Bluetooth®<sup>[6]</sup> Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 + BT5.1

**WWAN** Non-WWAN

## Ethernet

Integrated 100/1000M

#### Front Ports

- 1x USB-C<sup>®</sup> 3.2 Gen 1 (support data transfer and 5V@3A charging)
- 2x USB 3.2 Gen 1
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

#### **Optional Front Ports (configured)**

# 1x card reader

- Rear Ports
- 2x USB 2.0
- 2x USB 3.2 Gen 1 (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)**

- 1x Parallel
  1x Serial
- Monitor Cable

#### None

### **SECURITY & PRIVACY**

#### Security Chip

Discrete TPM 2.0, TCG certified

#### Fingerprint Reader

No fingerprint reader

#### Physical Locks

Kensington<sup>®</sup> Security Slot<sup>™</sup>, 3 x 7 mm

### Padlock Loop

Smart Cable Clip

None

### Chassis Intrusion Switch

None

# MANAGEABILITY

System Management Non-vPro®

# SERVICE

Base Warranty 1-year, Courier or Carry-in

Included Upgrade

None .

### CERTIFICATIONS

#### Green Certifications

- ErP Lot 3
- RoHS compliant
- TCO Certified

# SOFTWARE

Operating System

Windows® 11 Pro, English

Bundled Software

None

### ACCESSORIES

#### Bundled Accessories None

MODEL

TopSeller	: Yes	Announce Date	: 2023-07-14
EAN / UPC / JAN	: 0197532378407	End of Support	: 2029-09-27



Product image is a sample, it may not match the real color of this model · Lenovo reserves the right to change specifications without notice. To see more note information, please access the <u>web page</u>.



# 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

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.

# **Recommended Services**

BEST	3Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36200)	
BETTER	3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0D80935)	
GOOD	3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0D81011)	

Please click here to view the full list of accessories.

