# ThinkCentre neo 50s Gen 4 12JH002HMH

#### 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 256GB 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

180W 85%

#### 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<sup>®</sup> 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®

None

**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)** 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
- Padlock Loop
  Smart Cable Clip

None

#### Chassis Intrusion Switch Chassis Intrusion Switch

### MANAGEABILITY

Lenovo PSREF Product Specifications Reference

### System Management

Non-vPro®

#### SERVICE

Base Warranty 1-year, Courier or Carry-in

Included Upgrade

#### 1Y Onsite from 1Y Depot WHB (CPN)

### CERTIFICATIONS

#### Green Certifications

- ErP Lot 3
- RoHS compliant
- TCO Certified

#### SOFTWARE

#### **Operating System**

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

#### **Bundled Software**

None

#### ACCESSORIES

#### Bundled Accessories

Smart Cable (USB-A to USB-C®)

#### MODEL

TopSeller	: Yes	Announce Date	: 2023-02-27
EAN / UPC / JAN	: 0196804118291	End of Support	: 2029-09-27



ntel

Product image is a sample, it may not match the real color of this model Note:

[1] Intel Max Turbo frequency will vary depending on.....

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

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

# 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

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 Onsite (5WS0T36147)	
BETTER	5Y Onsite upgrade from 1Y Onsite (5WS0D80928)	
GOOD	4Y Onsite upgrade from 1Y Onsite (5WS0D80948)	

Please click here to view the full list of accessories.

