ThinkCentre neo 50s Gen 5 12XG002AAC



PERFORMANCE

Processor

Intel® Core i3-14100, 4C (4P + 0E) / 8T, P-core 3.5 / 4.7GHz, 12MB

Graphics^[1]

Integrated Intel® UHD Graphics 730

Chipset

Intel® B760 Chipset

Memory^[2]

1x 8GB UDIMM DDR5-4800

Memory Slots

Two DDR5 UDIMM slots, dual-channel capable

Max Memory^[3]

Up to 64GB DDR5-5600

Storage

256GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Max 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

None

Optical

9.0mm DVD±RW

Audio Chip

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

Speakers

1Wx1

Power Supply

180W 85%

DESIGN

Keyboard

USB Calliope Keyboard, Black, Spanish (LA)

Mouse

None

Expansion Slots

- •One PCIe $^{\circ}$ 3.0 x16, low-profile, length \leq 155mm, height \leq 70mm
- •One PCIe $^{\circ}$ 3.0 x1, low-profile, length \leq 155mm, height \leq 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

WLAN + Bluetooth

Intel[®] Wi-Fi[®] 6 AX201, 802.11ax 2x2 + BT5.2

WWAN

Non-WWAN

Ethernet

Integrated 100/1000M

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)

1x Serial

Monitor Cable

None

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

Fingerprint Reader

No fingerprint reader

Physical Locks

Kensington® Security Slot™, 3 x 7 mm

Smart Cable Clip

None

Chassis Intrusion Switch

None

Additional Security

None

SERVICE

Base Warranty

1-year, Onsite

Included Upgrade

3Y Onsite upgrade from 1Y Onsite

CERTIFICATIONS

Green Certifications

- ·RoHS / WEEE / REACH
- •TCO Certified 9.0

Other Certifications

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SOFTWARE

Operating System

None

Bundled Software

None

ACCESSORIES

Bundled Accessories

None

MODEL

 TopSeller
 : No
 EAN / UPC / JAN: 198158432412

 Announce Date: 2025-03-21
 End of Support
 : 2031-04-30

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 DDR5-4800 or DDR5-5200 depending on the memory support capability of processor.
[3] The max memory is based on the test results with current Lenovo

memory offerings.
[4] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

[5] The system dimensions may vary depending on configurations.

[6] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

[7] For video ports on discrete graphics, please see graphics section

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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.

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Recommended Accessories



Lenovo Wired VoIP Headset 5000 4XD1R88995



Lenovo Yoga Bluetooth Silent Mouse (Seashell, W/O Battery) GY51S61927



Lenovo PS8S Portable SSD 4TB GXB1T57742

Please click here to view the full list of accessories.

