ThinkCentre neo 55s Gen 6 13G0002XAU



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- AMD Ryzen 7 250 (8C / 16T, 3.3 / 5.1GHz, 8MB L2 / 16MB L3)
- 2x 8GB SODIMM DDR5-5600
- 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- Integrated AMD Radeon 780M Graphics
- Windows 11 Pro, English
- Case color - Raven Black
- 1-year, Onsite

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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

Recommended Accessories

United Kingdom



DisplayPort to Single-Link DVI-D (Digital) Monitor Adapter Cable II

4X91W44833



Lenovo Wireless Speakerphone 6000

4Y71Q47766



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792

>> View More Accessories

Recommended Services

Best

3Y Premier Support for AIPC upgrade from 1Y Onsite (5WS1W19908)

Better

5Y Onsite upgrade from 1Y Onsite (5WS1P43590)

Good

3Y Onsite upgrade from 1Y Onsite (5WS1P43508)

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PERFORMANCE

Processor
AMD Ryzen™ 7 250 (8C / 16T, 3.3 / 5.1GHz, 8MB L2 / 16MB L3)

AI PC Category
AI PC[1]

NPU
Integrated AMD Ryzen™ AI, up to 16 TOPS[2]

Graphics[3]
Integrated AMD Radeon™ 780M Graphics

Chipset
AMD SoC Platform

Memory
2x 8GB SODIMM DDR5-5600

Memory Slots
Two DDR5 SODIMM slots, dual-channel capable

Max Memory[4]
Up to 64GB DDR5-5600

Storage
512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Max Storage Support[5]
- Up to three drives, 1x 3.5" HDD + 2x M.2 SSD • 3.5" HDD up to 2TB • M.2 SSD up to 1TB each
- To install a HDD storage, 3.5" HDD screw and grommet kit is needed.[6]

Card Reader
No Card Reader

Optical
None

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

Speakers
1Wx1

Power Supply
200W 90%

DESIGN

Keyboard
USB, Calliope, Black, English (US)

Mouse
USB Calliope Mouse, Black

Expansion Slots
- One PCIe® 4.0 x16, low-profile, length ≤ 155mm, height ≤ 70mm
- Three M.2 slots (one for WLAN, two for SSD)

Case Color
Raven Black

Stand
None

Pen
Pen Not Supported

Form Factor
SFF (8.2L)

Dimensions (WxDxH)[7]
89 x 274.8 x 336 mm (3.5 x 10.83 x 13.24 inches)

Weight[8]
Around 4.33 kg (9.55 lbs)

CONNECTIVITY

WLAN + Bluetooth[9]
Realtek® Wi-Fi® 6 RTL8852BE, 802.11ax 2x2 + BT5.3

WWAN
WWAN Not Supported

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[10]
- 2x USB-A (Hi-Speed USB / USB 2.0)
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one supports Smart Power On
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4
- 1x Ethernet (RJ-45)
- 1x line-out (3.5mm)

Optional Rear Ports (configured)
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™

Smart Cable Clip
None

Chassis Intrusion Switch
None

Additional Security
None

MANAGEABILITY

System Management
Non-DASH

SERVICE

Base Warranty
1-year, Onsite

Included Upgrade
None

CERTIFICATIONS

Green Certifications
- RoHS compliant
- TCO Certified, generation 10

SOFTWARE

Operating System
Windows® 11 Pro, English

Bundled Software
None

ACCESSORIES

Bundled Accessories
None

MODEL

TopSeller	: Yes	**EAN / UPC / JAN**	: 199272552321
Announce Date	: 2025-08-10	**End of Support**	: 2032-01-10

Note:
[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft Copilot key or using Win + C.
[2] Only for the models with AMD Ryzen 7 250 processor.
[3] 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).
[4] The max memory is based on the test results with current Lenovo memory offerings.
[5] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.
[6] 3.5 SATA cable and SATA power cable are optional, or come with 3.5 SATA HDD
[7] The system dimensions may vary depending on configurations.
[8] 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.
[9] Wi-Fi operation (including Wi-Fi 6, Wi-Fi 6E, Wi-Fi 7, etc.) is subject to the regulatory requirements of each country. Bluetooth may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.
[10] For video ports on discrete graphics, please see graphics section

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.