

PERFORMANCE**Processor**

Intel Core™ i5-13420H, 8C (4P + 4E) / 12T, P-core up to 4.6GHz, E-core up to 3.4GHz, 12MB Intel® Smart Cache

AI PC Category

Non-AI PC

NPU

None

Graphics

Integrated Intel® UHD Graphics

Chipset

Intel® SoC Platform

Memory

1x 16GB SODIMM DDR5-5200

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Max Memory^[1]

Up to 64GB DDR5-5200

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Slot

Two M.2 slots • One M.2 2242 PCIe® 4.0 x4 slot • One M.2 2280 PCIe® 4.0 x4 slot

Max Storage Support^[2]

Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 2TB • M.2 2280 SSD up to 2TB

Card Reader

SD Card Reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby Audio™

Microphone

2x, Array

Camera

FHD 1080p + IR Hybrid with Privacy Shutter

Battery

48Wh

Power Adapter

65W USB-C® (3-pin)

Special Features

Modern Standby

DESIGN**Display**

16" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC, 60Hz^[3]

Touchscreen

None

Screen-to-Body Ratio

90%

Pen

Pen Not Supported

Keyboard

Backlit, Italian

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

Dimensions (WxDxH)^[4]

356 x 253.5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)

Weight^[5]

Starting at 1.7 kg (3.75 lbs)

Case Color

Arctic Grey

Case Material

Aluminium (Top), PC-ABS (Bottom)

Surface Treatment

Anodizing Sandblasting (Top), Texture (Bottom)

SOFTWARE**Operating System**

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

Bundled Software

Office Trial

CONNECTIVITY**WLAN + Bluetooth**

Wi-Fi® 7, 802.11be 2x2 + BT5.4

WWAN

WWAN Not Supported

Ethernet

100/1000M (RJ-45)

Standard Ports

- 1x USB-A (USB 5Gbps), Always On
- 1x USB-A (USB 5Gbps)
- 1x USB-C® (USB 10Gbps), with USB PD 45-65W and DisplayPort™ 1.4
- 1x Thunderbolt™ 4, with USB PD 45-65W and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x SD card reader

Docking

Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit [Docking for ThinkBook® 16 G9 IRL](#)

SECURITY & PRIVACY**Security Chip**

Discrete TPM 2.0 Enabled

Physical Locks

Kensington Nano Security Slot™, 2.5 x 6 mm

Fingerprint Reader

Touch Style, Match-on-Chip, Integrated in Power Button

Other Security

- Camera privacy shutter
- IR camera for Windows® Hello (facial recognition)

MANAGEABILITY**System Management**

Non-vPro®

SERVICE**Base Warranty**

1-year, Courier or Carry-in

Included Upgrade

1Y Premier WHB (CPN)

ACCESSORIES**Bundled Accessories**

None

CERTIFICATIONS**Green Certifications**

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

Mil-Spec Test

MIL-STD-810G military test passed

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

MODEL

TopSeller : Yes **EAN / UPC / JAN:** 199272471905

Announce Date: 2025-11-07 **End of Support** : 2032-06-07

- 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. 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



Italy



Lenovo Wired VoIP Headset 5000
4XD1R88995



Lenovo Essential Wireless Combo Keyboard & Mouse Gen2 Black Italy 4X31R64473



Lenovo 15.6 Laptop Everyday Backpack B510-ROW 4X41U80414

Please click [here](#) to view the full list of accessories.

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PSREF

Product Specifications Reference