



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
5.0MP 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
Non-backlit, Belgian

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

MANAGEABILITY

System Management
Non-vPro®

SERVICE

Base Warranty
1-year, Courier or Carry-in

Included Upgrade
2Y Depot Upgrade From 1Y Depot 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:** 199275161889
Announce Date: 2026-01-27 **End of Support** : 2032-06-07
Note:
^[1] Maximum memory is only to test technical readiness of notebook. Available memory to sell would vary.
• 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



Lenovo Wired VoIP Headset 5000
4XD1R88995



Lenovo Essential Wireless Combo Keyboard & Mouse Gen2 Black Belgium English
4X31R64457

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

Recommended Services

BEST	3Y Premier Support upgrade from 2Y Depot/CCI (5WS0W86701)
BETTER	3Y Onsite upgrade from 2Y Depot/CCI (5WS0W86640)



PSREF
Product Specifications
Reference