

**PERFORMANCE****Processor**

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

**AI PC Category**

AI PC

**NPU**

Integrated AMD Ryzen™ AI, up to 16 TOPS

**Graphics**

Integrated AMD Radeon™ 780M Graphics

**Chipset**

AMD SoC Platform

**Memory**

2x 16GB SO-DIMM DDR5-5600

**Memory Slots**

Two DDR5 SO-DIMM slots, dual-channel capable

**Max Memory<sup>[1]</sup>**

Up to 64GB DDR5-5600

**Storage**

1TB 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<sup>[2]</sup>**

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<sup>[3]</sup>**Touchscreen**

None

**Screen-to-Body Ratio**

90%

**Color Calibration**

None

**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)<sup>[4]</sup>**

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

**Weight<sup>[5]</sup>**

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 + Lenovo® AI Now

**CONNECTIVITY****WLAN + Bluetooth**Wi-Fi® 7, 802.11be 2x2 + BT5.4<sup>[6]</sup>**WWAN**

Non-WWAN

**Ethernet**

100/1000M (RJ-45)

**Standard Ports**

- 1x USB-A (USB 5Gbps), Always On
- 1x USB-A (USB 5Gbps)
- 2x USB-C® (USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 1.4a
- 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 USB-C®. For more compatible docking solutions, please visit [Docking for ThinkBook 16 G9 AHP](#)**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)

**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<sup>[7]</sup>
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

**Mil-Spec Test**

MIL-STD-810H military test passed

**Other Certifications**

TÜV Rheinland® Low Blue Light (Software Solution)

**MODEL**

TopSeller : Yes EAN / UPC / JAN: 199272516774

Announce Date: 2025-11-14 End of Support : 2032-06-14

Note:

<sup>[1]</sup> Maximum memory 64GB DDR5-5600 is only to test technical readiness of notebook. Available memory to sell would vary.<sup>[2]</sup> The system supports dual SSD via two M.2 slots, but Lenovo offers only one SSD configuration with a second slot for user self-expansion. The max storage capacity is only technical readiness and may be different from current Lenovo storage offerings.• 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 Italy 4X31R64473

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

## Recommended Services

BEST	3Y Premier Support Plus upgrade from 1Y Premier Support (5WS1L39550)
BETTER	3Y Premier Support upgrade from 1Y Premier Support (5WS1B38519)
GOOD	3Y Premier Support upgrade from 1Y Premier Support (5WS1B38519)

**Lenovo**

PSREF  
Product Specifications  
Reference