

**PERFORMANCE****Processor**

Intel Core™ i5-14500HX, 14C (6P + 8E) / 20T, P-core 2.6 / 4.9GHz, E-core 1.9 / 3.5GHz, 24MB

**Graphics**

NVIDIA GeForce RTX™ 4050 6GB GDDR6

**Chipset**

Intel® HM770 Chipset

**Memory**

2x 8GB SO-DIMM DDR5-5600

**Memory Slots**

Two DDR5 SO-DIMM slots, dual-channel capable

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

Up to 32GB DDR5-5600 offering

**Storage**

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe®

**Storage Slot**

Two M.2 2280 PCIe® 4.0 x4 slots

**Max Storage Support<sup>[2]</sup>**

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

**Optical**

None

**Card Reader**

SD Card Reader

**Audio Chip**

High Definition (HD) Audio, Realtek® ALC3306-CG codec

**Speakers**

Stereo speakers, 2W x2 woofers and 2W x2 tweeters, Dolby Atmos®, sound by harman/kardon

**Microphone**

2x, Array

**Camera**

FHD 1080p + IR Hybrid with Privacy Shutter

**Battery**

80Wh

**Power Adapter**

230W Slim Tip (3-pin)

**Special Features**

- AI Chip: LA3
- Modern Standby

**DESIGN****Display<sup>[3]</sup>**

16" WQXGA (2560x1600) IPS 400nits Anti-glare, 100% sRGB, 60Hz, Dolby Vision®

**Touchscreen**

None

**Screen-to-Body Ratio**

93%

**Color Calibration**

X-Rite® Factory Color Calibration

**Pen**

Pen Not Supported

**Keyboard**

Backlit, English (EU)

**Touchpad**

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)

**Dimensions (WxDxH)<sup>[4]</sup>**

354.6 x 258.2 x 19.9 mm (13.96 x 10.17 x 0.78 inches)

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

Starting at 2.2 kg (4.85 lbs)

**Case Color**

Storm Grey

**Case Material**

Aluminium (Top), Aluminium (Bottom)

**Surface Treatment**

Anodizing Sandblasting

**SOFTWARE****Operating System**

Windows® 11 Pro, Benelux (EN/FR/DE/NL)

**Bundled Software**

Office Trial

**CONNECTIVITY****WLAN + Bluetooth<sup>[6]</sup>**

Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

**WWAN**

Non-WWAN

**Ethernet**

No Onboard Ethernet

**Standard Ports**

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader
- 1x Power connector

**Optional Ports (configured)**

None

**Docking**

Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit [Docking for ThinkBook® 16p G5 IRX](#)

**SECURITY & PRIVACY****Security Chip**

Firmware 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**

None

**ACCESSORIES****Bundled Accessories**

None

**CERTIFICATIONS****Green Certifications**

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered<sup>[7]</sup>
- ErP Lot 6/26
- RoHS compliant
- TCO Certified 9.0

**Mil-Spec Test**

MIL-STD-810H military test passed

**Other Certifications**

- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light (Hardware Solution)

**MODEL**

**TopSeller** : Yes **EAN / UPC / JAN:** 197531871985

**Announce Date:** 2025-03-07 **End of Support** : 2030-10-22

- 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 US Euro 4X31R64491

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

## Recommended Services

BEST	3Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36151)
BETTER	3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0A23681)
GOOD	3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0A23813)

PSREF  
Product Specifications  
Reference