

## PERFORMANCE

### Processor

Intel® Core™ i7-14650HX, 16C (8P + 8E) / 24T, P-core 2.2 / 5.2GHz, E-core 1.6 / 3.7GHz, 30MB

### AI PC Category<sup>[1]</sup>

AI-Powered Gaming PC

### Graphics

NVIDIA® GeForce RTX™ 4070 8GB GDDR6, Boost Clock 2175MHz, TGP 140W, 321 AI TOPS

### Chipset

Intel® HM770 Chipset

### Memory

2x 8GB SO-DIMM DDR5-5600

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

### Max Memory

Up to 64GB DDR5-5600

### Storage

1TB 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 2242 SSD up to 1TB
- M.2 2280 SSD up to 1TB

### Optical

None

### Card Reader

microSD Card Reader

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

### Speakers

Stereo speakers, 2W x2, optimized with Nahimic Audio

### Microphone

2x, Array

### Camera

FHD 1080p with E-shutter

### Battery

80Wh

### Power Adapter

230W Slim Tip (3-pin)

### Special Features

AI Chip: LA1

## DESIGN

### Display<sup>[3]</sup>

16" WQXGA (2560x1600) IPS 350nits Anti-glare, 100% sRGB, 165Hz, Dolby Vision®, G-SYNC®, Low Blue Light

### Touchscreen

None

### Screen-to-Body Ratio

93% AAR (active area ratio)

### Color Calibration

Factory Color Calibration

### Pen

Pen Not Supported

### Keyboard

White Backlit, Belgian

### Touchpad

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

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

359.7 x 262.3 x 19.7-25.2 mm (14.16 x 10.33 x 0.78-0.99 inches)

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

Around 2.36 kg (5.2 lbs)

### Case Color

Luna Grey

### Case Material

Aluminium (Top), PC-ABS (Bottom)

### Surface Treatment

Aluminium Stamping (Anodized with Sandblasting)

## SOFTWARE

### Operating System

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

### Bundled Software

Office Trial

## CONNECTIVITY

### WLAN + Bluetooth<sup>[6]</sup>

Wi-Fi® 6E, 802.11ax 2x2 + BT5.2

### WWAN

Non-WWAN

### Ethernet

100/1000M (RJ-45)

### Standard Ports

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with Lenovo® PD 140W and DisplayPort™ 1.4
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Card reader
- 1x Power connector

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 Enabled

### Fingerprint Reader

None

### Other Security

E-shutter

## SERVICE

### Base Warranty

2-year, Courier or Carry-in

### Included Upgrade

None

## ACCESSORIES

### Bundled Accessories

Lenovo® Legion™ Gaming Speed Mouse Pad M

## CERTIFICATIONS

### Green Certifications

- ErP Lot 6/26
- RoHS compliant

### Other Certifications

TÜV Rheinland® Low Blue Light (Hardware Solution)

## MODEL

<b>TopSeller</b>	: No	<b>Announce Date</b>	: 2024-06-03
<b>EAN / UPC / JAN</b>	: 198154455903	<b>End of Support</b>	: 2030-01-25

### Note:

[1] AI-Powered Gaming PCs feature Lenovo AI Engine+ and NVIDIA GeForce RTX GPUs to handle AI-driven tasks and deliver exceptional gaming performance.

[2] The storage capacity supported is based on the test.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

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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.

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## 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 Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...



### Lenovo USB-C 7-in-1 Hub

4X90V55523

Travel - Ready Productivity. One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo USB-C 7-in-1 Hub fits unlimited productivity i...

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

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**PSREF**  
Product Specifications  
Reference