

## PERFORMANCE

### Processor

Intel® Core™ i9-14900HX, 24C (8P + 16E) / 32T, P-core 2.2 / 5.8GHz, E-core 1.6 / 4.1GHz, 36MB

### Graphics

NVIDIA® GeForce RTX™ 4080 12GB GDDR6, Boost Clock 2280MHz, TGP 175W

### Chipset

Intel HM770 Chipset

### Memory

2x 16GB 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

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

### Storage Support<sup>[2]</sup>

Up to two drives, 2x M.2 SSD  
• M.2 2280 SSD up to 1TB

### Storage Slot

Two M.2 2280 PCIe 4.0 x4 slots

### Card Reader

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

### Speakers

Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio

### Camera

FHD 1080p with E-shutter

### Microphone

2x, Array

### Battery

Integrated 99.9Wh

### Power Adapter

330W Slim Tip Tiny GaN (3-pin)

### Special Features

- Hybrid thermal solution (air cooling + liquid metal)
- AI Chip: LA2-Q

## DESIGN

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

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% DCI-P3, 240Hz, DisplayHDR™ 400, Dolby® Vision™, G-SYNC®, Low Blue Light, High Gaming Performance

### Touchscreen

None

### Color Calibration

Factory Color Calibration

### Keyboard

Per-key RGB Backlit (with Lighting Lens), German

### Case Color

Eclipse Black

### Surface Treatment

Anodizing

### Case Material

Aluminium (Top), Aluminium (Bottom)

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

363.5 x 262.1 x 22.5-25.9 mm (14.31 x 10.32 x 0.89-1.02 inches)

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

Around 2.62 kg (5.78 lbs)

## SOFTWARE

### Operating System

Windows® 11 Home, German

### Bundled Software

Office Trial

## CONNECTIVITY

### Ethernet

100/1000M (RJ-45)

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

Intel Killer Wi-Fi® 6E AX1675i, 11ax 2x2 + BT5.3

### Standard Ports

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with PD 140W and DisplayPort™ 1.4
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C (Thunderbolt™ 4 / USB4® 40Gbps), with DisplayPort 1.4
- 3x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 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<sup>[7]</sup>

4 Switchable Keycaps and Easy Tool + Lenovo® Legion™ Gaming Speed Mouse Pad M

## CERTIFICATIONS

### Green Certifications

- ErP Lot 3
- RoHS compliant

### Other Certifications

- TÜV Rheinland® High Gaming Performance
- TÜV Rheinland Low Blue Light (Hardware Solution)

## MODEL

TopSeller	: No	Announce Date	: 2024-01-22
EAN / UPC / JAN	: 197530165108	End of Support	: 2029-12-06

Product image is a sample, it may not match the real color of this model

Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2373?M=83DE003TGE>

## Premium Care - Advanced Support from Real People. Real Fast.



### REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.



### REAL FAST

Highly trained technicians will provide you real-time solutions, whatever the issue, on your first contact. If needed, our team will schedule an onsite visit for the next business day.



### HASSLE FREE

'Getting started' and 'how-to' assistance for hardware and software. Easy solutions that are simple to reach - that's how Premium Care delivers you the ideal support experience.



### PC HEALTH CHECK

Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

## 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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PSREF  
Product Specifications  
Reference