



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- Intel Core i9-14900HX, 24C (8P + 16E) / 32T, P-core 2.2 / 5.8GHz, E-core 1.6 / 4.1GHz, 36MB Intel Smart Cache
- 2x 16GB SODIMM DDR5-5600
- 1TB SSD M.2 2280 PCIe 4.0x4 NVMe
- NVIDIA GeForce RTX 4080 12GB GDDR6, Boost Clock 2280MHz, TGP 175W, 542 AI TOPS
- Case color - Eclipse Black (with Per-key RGB Backlit Keyboard)
- 2Y Premium Care with OnSite from 2Y Depot (CPN)

**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

**Recommended Accessories** Poland



Lenovo Wireless Headphone 2000

GXD1W20502



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Lenovo USB 20Gbps USB-C to USB-C Cable 1.5m

4X91U92143

>> [View More Accessories](#)

**Recommended Services**

Best

3Y Premium Care upgrade from 2Y Premium Care (5WS1C83323)

**PERFORMANCE****Processor**

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

**AI PC Category**

AI-Powered Gaming PC<sup>[1]</sup>

**Graphics**

NVIDIA GeForce RTX™ 4080 12GB GDDR6, Boost Clock 2280MHz, TGP 175W, 542 AI TOPS

**Chipset**

Intel® HM770 Chipset

**Memory**

2x 16GB SODIMM DDR5-5600

**Memory Slots**

Two DDR5 SODIMM slots, dual-channel capable

**Max Memory<sup>[2]</sup>**

Up to 32GB DDR5-5600 offering

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

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

**Optical**

None

**Card Reader**

No Card Reader

**Audio Chip**

High Definition (HD) Audio, Realtek® ALC3306 codec

**Speakers**

Stereo speakers (super linear speaker), 2W x2, audio by HARMAN, optimized with Nahimic Audio, Smart Amplifier (AMP)

**Microphone**

2x, Array

**Camera**

FHD 1080p with E-shutter

**Battery**

99.9Wh

**Power Adapter**

330W Slim Tip Tiny GaN (3-pin)

**Special Features**

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

**DESIGN****Display**

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% DCI-P3, 240Hz, DisplayHDR™ 400, Dolby Vision®, G-SYNC®, Low Blue Light, High Gaming Performance<sup>[4]</sup>

**Touchscreen**

None

**Screen-to-Body Ratio**

93.59% AAR (active area ratio)

**Color Calibration**

Factory Color Calibration

**Pen**

Pen Not Supported

**Keyboard**

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

**Touchpad**

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

**Dimensions (WxDxH)<sup>[5]</sup>**

363.5 x 262.1 x 21.95-25.9 mm (14.31 x 10.32 x 0.86-1.02 inches)

**Weight<sup>[6]</sup>**

Around 2.62 kg (5.78 lbs)

**Case Color**

Eclipse Black (with Per-key RGB Backlit Keyboard)

**Case Material**

Aluminium (Top), Aluminium (Bottom)

**Surface Treatment**

Anodizing

**SOFTWARE****Operating System**

None

**Bundled Software**

None

**CONNECTIVITY****WLAN + Bluetooth**

Intel® Killer™ Wi-Fi® 6E AX1675i, 802.11ax 2x2 + BT5.3

**WWAN**

WWAN Not Supported

**Ethernet**

100/1000M (RJ-45)

**Standard Ports**

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

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

Firmware TPM 2.0 Enabled

**Fingerprint Reader**

No Fingerprint Reader

**Other Security**

E-shutter

**SERVICE****Base Warranty**

2-year, Courier or Carry-in with 1-year Battery

**Included Upgrade**

2Y Premium Care with OnSite from 2Y Depot (CPN)

**ACCESSORIES****Bundled Accessories**

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 EAN / UPC / JAN: 197530718557

Announce Date: 2024-01-22 End of Support : 2029-12-06

**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 max memory is based on the test results with current Lenovo memory offerings.

[3] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[4] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

[5] The system dimensions may vary depending on configurations.

[6] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

- 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.