



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 ^[1]
Graphics NVIDIA® GeForce RTX™ 4070 8GB GDDR6, Boost Clock 2175MHz, TGP 140W, 321 AI TOPS
Chipset Intel® HM770 Chipset
Memory 2x 8GB SODIMM DDR5-5600
Memory Slots Two DDR5 SODIMM slots, dual-channel capable
Max Memory Up to 64GB DDR5-5600
Storage 512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®
Storage Slot Two M.2 2280 PCIe® 4.0 x4 slots
Max Storage Support ^[2] 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 ^[3] 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 4-Zone RGB Backlit, Spanish (LA)
Touchpad Buttonless Mylar® surface multi-touch touchpad, 75 x 120 mm (2.95 x 4.72 inches)
Dimensions (WxDxH) ^[4] 359.7 x 262.3 x 19.7-25.2 mm (14.16 x 10.33 x 0.78-0.99 inches)
Weight ^[5] 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 None
Bundled Software None

CONNECTIVITY

WLAN + Bluetooth ^[6] Wi-Fi® 6E, 802.11ax 2x2 + BT5.2
WWAN WWAN Not Supported
Ethernet 100/1000M (RJ-45)
Standard Ports <ul style="list-style-type: none"> • 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 1-year, Courier or Carry-in
Included Upgrade None

ACCESSORIES

Bundled Accessories None

CERTIFICATIONS

Green Certifications <ul style="list-style-type: none"> • ErP Lot 6/26 • RoHS compliant
Other Certifications TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller : No	EAN / UPC / JAN: 199271646861
Announce Date: 2025-05-28	End of Support : 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 results with current Lenovo storage offerings. ^[3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS. ^[4] The system dimensions may vary depending on configurations. ^[5] 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. ^[6] Wi-Fi 6E full features might be limited by country-level restrictions. 6GHz Wi-Fi 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi 6E, and the regional regulatory certifications & spectrum allocation. Bluetooth 5.3 operation requires Windows 11. For more information please visit General Bluetooth Support Information on Microsoft .	
<ul style="list-style-type: none"> • 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. 	

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories



Lenovo Analog In-Ear Headphones Gen II Bulk Package (20pcs) 4XD1T54899



Lenovo Legion 17" Gaming Backpack GB800 (Light Gray) GX41U39300

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

Recommended Services

BEST	4Y Onsite upgrade from 1Y Courier/Carry-in (5WS0W36565)
BETTER	3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0K75721)



PSREF
Product Specifications
Reference