

PERFORMANCE

- Processor**
 Intel® Core™ i9-14900HX, 24C (8P + 16E) / 32T, P-core 2.2 / 5.8GHz, E-core 1.6 / 4.1GHz, 36MB
- AI PC Category**
 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 16GB SO-DIMM DDR5-5600
- Memory Slots**
 Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory^[1]**
 Up to 32GB DDR5-5600 offering
- Storage**
 1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®
- 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
- Storage Slot**
 Two M.2 2280 PCIe® 4.0 x4 slots
- Card Reader**
 None
- Optical**
 None
- Audio Chip**
 High Definition (HD) Audio, Realtek® ALC3287 codec
- Speakers**
 Stereo speakers, 2W x2, optimized with Nahimic Audio
- Camera**
 FHD 1080p with Privacy Shutter
- Microphone**
 2x, Array
- Battery**
 Integrated 80Wh
- Power Adapter**
 300W Slim Tip (3-pin)
- Special Features**
 AI Chip: LA1

DESIGN

- Display^[3]**
 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**
 4-Zone RGB Backlit, French
- Touchpad**
 Buttonless Mylar® surface multi-touch touchpad, 75 x 120 mm (2.95 x 4.72 inches)
- Case Color**
 Onyx Grey
- Surface Treatment**
 Anodizing
- Case Material**
 Aluminium (Top), PC-ABS (Bottom)
- Dimensions (WxDxH)^[4]**
 363.4 x 261.75 x 21.99-26.95 mm (14.31 x 10.31 x 0.87-1.06 inches)
- Weight^[5]**
 Around 2.5 kg (5.5 lbs)
- SOFTWARE**
- Operating System**
 None
- Bundled Software**
 None

CONNECTIVITY

- Ethernet**
 100/1000M (RJ-45)
- WLAN + Bluetooth^[6]**
 Wi-Fi® 6E, 802.11ax 2x2 + BT5.2
- 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® (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 Power connector

- Docking**
 Various docking solutions supported via Thunderbolt™ / USB-C®.
 For more compatible docking solutions, please visit [Docking for Legion Pro 5 16IRX9](#)

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^[7]**
 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	: 2024-07-19
EAN / UPC / JAN	: 198154968311	End of Support	: 2029-11-23

- Note:
- [1] The max memory is based on the test results with current Lenovo memory offerings.
- [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 6 and Wi-Fi 6E full features might be limited by.....
- Lenovo reserves the right to change specifications without notice.
- To see more note information, please link to <https://psref.lenovo.com/Detail/2372?M=83DF00H9FE>

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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
- Technician Installed Customer
- Onsite Support
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories



ThinkPad X1 Active Noise Cancellation Headphones

4XD0U47635

The ThinkPad X1 Active Noise Cancellation headphones provide rich, first-class listening and calling in any noise environment. Lenovo has partnered with Synaptics AudioSmartto create industry-leading headphones with H...



Lenovo Essential USB Mouse

4Y50R20863

The Lenovo Essential USB Mouse is more than your basic mouse. It features an easy plug-and-play connection to PCs with a USB cable. The ergonomic full-size design provides comfortable grip for all day comfort. A high...

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>

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PSREF
Product Specifications
Reference