

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™ 4080 12GB GDDR6, Boost Clock 2280MHz, TGP 175W, 542 AI TOPS
- Chipset**
 Intel® HM770 Chipset
- Memory**
 1x 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**
 2x 1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®
- Storage Support^[2]**
 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 (super linear speaker), 2W x2, audio by HARMAN, optimized with Nahimic Audio, Smart Amplifier (AMP)
- Camera**
 FHD 1080p with E-shutter
- Microphone**
 2x, Array
- Battery**
 Integrated 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^[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**
 Per-key RGB Backlit (with Lighting Lens), Belgian
- Touchpad**
 Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
- Case Color**
 Eclipse Black
- Surface Treatment**
 Anodizing
- Case Material**
 Aluminium (Top), Aluminium (Bottom)
- Pen**
 Pen Not Supported
- Dimensions (WxDxH)^[4]**
 363.5 x 262.1 x 21.95-25.9 mm (14.31 x 10.32 x 0.86-1.02 inches)
- Weight^[5]**
 Around 2.62 kg (5.78 lbs)

SOFTWARE

- Operating System**
 Windows® 11 Home, Benelux (EN/FR/DE/NL)
- Bundled Software**
 Office Trial

CONNECTIVITY

- Ethernet**
 100/1000M (RJ-45)
- WLAN + Bluetooth^{[6][7]}**
 Intel® Killer Wi-Fi® 6E AX1675i, 802.11ax 2x2 + BT5.3
- WWAN**
 Non-WWAN

- 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 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**
 3Y Premium Care with Onsite upgrade from 2Y Courier/Carry-in

ACCESSORIES

- Bundled Accessories^[8]**
 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 | : 2024-11-05 |
| EAN / UPC / JAN | : 198155940040 | End of Support | : 2029-12-06 |

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,.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2373?M=83DE008TMB>

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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 AudioSmart to create industry-leading headphones with H...



ThinkPad USB3.0 to Ethernet Adapter

4X90S91830

The ThinkPad USB3.0 to Ethernet Adapter is quick and easy way to connect your notebook and desktop to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

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

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PSREF
Product Specifications
Reference