

PERFORMANCE

Processor Intel® Core™ i7-14650HX, 16C (8P + 8E) / 24T, P-core 2.2 / 5.2GHz, E-core 1.6 / 3.7GHz, 30MB
AI PC Category ^[1] AI-Powered Gaming PC
Graphics NVIDIA® GeForce RTX™ 4060 8GB GDDR6, Boost Clock 2370MHz, TGP 140W, 233 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 Up to 64GB DDR5-5600
Storage 1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®
Storage Support ^[2] Up to two drives, 2x M.2 SSD <ul style="list-style-type: none"> • 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 microSD Card Reader
Optical None
Audio Chip High Definition (HD) Audio, Realtek® ALC3287 codec
Speakers Stereo speakers, 2W x2, optimized with Nahimic Audio
Camera FHD 1080p with E-shutter
Microphone 2x, Array
Battery 80Wh
Power Adapter 230W Slim Tip (3-pin)
Special Features AI Chip: LA1

DESIGN

Display ^[3] 16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 240Hz, DisplayHDR™ 400, Dolby Vision®, G-SYNC®, Low Blue Light
Touchscreen None
Color Calibration Factory Color Calibration
Keyboard 4-Zone RGB Backlit, Thai
Touchpad Buttonless Mylar® surface multi-touch touchpad, 75 x 120 mm (2.95 x 4.72 inches)
Case Color Luna Grey
Surface Treatment Aluminium Stamping (Anodized with Sandblasting)
Case Material Aluminium (Top), PC-ABS (Bottom)
Pen Pen Not Supported
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)

SOFTWARE

Operating System Windows® 11 Home Single Language, English
Bundled Software Office Trial

CONNECTIVITY

WLAN + Bluetooth ^[6] Wi-Fi® 6E, 802.11ax 2x2 + BT5.2
WWAN Non-WWAN
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 3Y ADP -IPMAIN(ESS), 3Y Legion Ultimate Support -IPMAIN (ESS)

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	: Yes	Announce Date	: 2024-03-27
EAN / UPC / JAN	: 198153705726	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,.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2384?M=83DG00DCTA>

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

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Recommended Accessories



Lenovo Powered USB-C Travel Hub

4X90S92381

Travel-Ready Productivity Powerhouse; One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo Powered USB-C Travel Hub fits unlimited...



Lenovo USB-C 7-in-1 Hub

4X90V55523

Travel - Ready Productivity. One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo USB-C 7-in-1 Hub fits unlimited productivity i...

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

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PSREF
Product Specifications
Reference