

PERFORMANCE

- Processor**
AMD Ryzen™ 9 7945HX (16C / 32T, 2.5 / 5.4GHz, 16MB L2 / 64MB L3)
- Graphics**
NVIDIA® GeForce RTX™ 4060 8GB GDDR6, Boost Clock 2370MHz, TGP 140W
- Chipset**
AMD SoC Platform
- Memory**
2x 16GB SO-DIMM DDR5-5200
- Memory Slots**
Two DDR5 SO-DIMM slots, dual-channel capable
- Max Memory**^[1]
Up to 32GB DDR5-5200 offering
- Storage**
1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®
- Storage Support**^[2]
Up to two drives, 2x M.2 2280 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, 2W x2, optimized with Nahimic Audio
- Camera**
FHD 1080p with E-shutter
- Microphone**
2x, Array
- Battery**
Integrated 80Wh
- Power Adapter**
300W Slim Tip (3-pin)
- Special Features**
Legion Coldfront 5.0 cooling system
- DESIGN**
- Display**^[3]
16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% DCI-P3, 240Hz, DisplayHDR™ 400, Dolby Vision®, FreeSync™, G-SYNC®, Low Blue Light
- Touchscreen**
None

- Color Calibration**
Factory Color Calibration
- Keyboard**
4-Zone RGB Backlit, English (UK)
- Touchpad**
Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 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 260.35 x 22.45-26.75 mm (14.31 x 10.25 x 0.88-1.05 inches)
- Weight**^[5]
Less than 2.5 kg (5.5 lbs)
- SOFTWARE**
- Operating System**
Windows® 11 Home Single Language, English
- Bundled Software**
Office Trial
- CONNECTIVITY**
- Ethernet**
100/1000M (RJ-45)
- WLAN + Bluetooth**®^{[6][7]}
Wi-Fi® 6E, 802.11ax 2x2 + BT5.2
- Standard Ports**
 - 1x USB 3.2 Gen 1 (Always On)
 - 3x USB 3.2 Gen 1
 - 1x USB-C® 3.2 Gen 2 (support data transfer and DisplayPort™ 1.4)
 - 1x USB-C® 3.2 Gen 2 (support data transfer, Lenovo® Power Delivery 140W and 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**
1-year, Courier or Carry-in
- Included Upgrade**
2Y Courier/Carry-in upgrade from 1Y Courier/Carry-in
- ACCESSORIES**
- Bundled Accessories**^[8]
None
- CERTIFICATIONS**
- Green Certifications**
 - ErP Lot 3
 - RoHS compliant
- Other Certifications**
TÜV Rheinland® Low Blue Light (Hardware Solution)
- MODEL**
- TopSeller**

: No
- Announce Date**

: 2024-05-03
- EAN / UPC / JAN**

: 198154125639
- End of Support**

: 2029-05-14



AMD

Product image is a sample, it may not match the real color of this model

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] Bluetooth may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

[7] Wi-Fi 6E full features might be limited by country-level.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2197?M=82WM00G4UE>

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 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...



Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

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

Lenovo

PSREF
Product Specifications
Reference