

PERFORMANCE

Processor
Intel® Core i5-12450H, 8C (4P + 4E) / 12T, P-core 2.0 / 4.4GHz, E-core 1.5 / 3.3GHz, 12MB
Graphics
Integrated Intel® UHD Graphics
Chipset
Intel® SoC Platform
Memory
16GB Soldered LPDDR5-4800
Memory Slots
Memory soldered to systemboard, no slots, dual-channel (16GB models)
Max Memory
16GB soldered memory, not upgradable
Storage
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®
Storage Slot
One M.2 PCIe® 4.0 x4 slot
Max Storage Support ^[1]
One drive, up to 1TB M.2 2242 SSD
Optical
None
Card Reader
SD Card Reader
Audio Chip
High Definition (HD) Audio
Speakers
User-facing stereo speakers, 1.5W x2, optimized with Dolby Audio™
Microphone
2x, Array
Camera
HD 720p with Privacy Shutter
Battery
47Wh
Power Adapter
65W Round Tip (3-pin)

DESIGN

Display
15.6" FHD (1920x1080) IPS 300nits Anti-glare ^[2]
Touchscreen
None
Screen-to-Body Ratio
88% AAR (active area ratio)
Pen
Pen Not Supported

Keyboard
Non-backlit, Ukrainian
Touchpad
Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)
Dimensions (WxDxH) ^[3]
359.3 x 235 x 17.9 mm (14.15 x 9.25 x 0.70 inches)
Weight ^[4]
Starting at 1.62 kg (3.57 lbs)
Case Color
Arctic Grey
Case Material
PC-ABS (Top), PC-ABS (Bottom)
Surface Treatment
IMR (In-Mold Decoration by Roller)

SOFTWARE

Operating System
None
Bundled Software
None

CONNECTIVITY

WLAN + Bluetooth
Wi-Fi® 6, 802.11ax 2x2 + BT5.2
WWAN
Non-WWAN
Ethernet
No Onboard Ethernet
Standard Ports
• 2x USB 3.2 Gen 1
• 1x USB-C® 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort™ 1.2)
• 1x HDMI® 1.4
• 1x Headphone / microphone combo jack (3.5mm)
• 1x Card reader
• 1x Power connector
Docking
Various docking solutions supported via USB-C®. For more compatible docking solutions, please visit Docking for IdeaPad® Slim 3 15IAH8

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 Enabled
Fingerprint Reader
None
Other Security
Camera privacy shutter

SERVICE

Base Warranty
1-year, Courier or Carry-in
Included Upgrade
None

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications
• ErP Lot 6/26
• RoHS compliant
Mil-Spec Test
MIL-STD-810H military test passed (21 test items)
Other Certifications
TÜV Rheinland® Low Blue Light (Software Solution)

MODEL

TopSeller	: No	EAN / UPC / JAN: 199272910886
Announce Date: 2025-09-03	End of Support	: 2029-07-26
Note:		
^[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.		
^[2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.		
^[3] The system dimensions may vary depending on configurations.		
^[4] 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.		
· 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 Legion 17" Gaming Backpack GB800 (Light Gray) GX41U39300



Lenovo Legion M220 Wireless RGB Gaming Mouse GY51U28359

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

Recommended Services

GOOD	3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0K75663)
------	---



PSREF
Product Specifications
Reference