



PERFORMANCE

Processor
Intel® Core Ultra 7 255HX, 20C (8P + 12E) / 20T, Max Turbo up to 5.2GHz, 30MB
AI PC Category
AI-Powered Gaming PC ^[1]
NPU
Integrated Intel® AI Boost, up to 13 TOPS
Graphics
NVIDIA® GeForce RTX™ 5060 8GB GDDR7, Boost Clock 2497MHz, TGP 115W, 572 AI TOPS
Chipset
Intel® HM870 Chipset
Memory
2x 16GB SO-DIMM DDR5-5600
Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable
Max Memory ^[2]
Up to 32GB DDR5-5600 offering
Storage
1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®
Storage Slot
Two M.2 2280 PCIe® 4.0 x4 slots
Max Storage Support ^[3]
Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 1TB each
Optical
None
Card Reader
SD Card Reader
Audio Chip
High Definition (HD) Audio, Realtek® ALC3306 codec
Speakers
Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio, Smart Amplifier (AMP)
Microphone
2x, Array
Camera
5.0MP + IR with E-shutter
Battery
84Wh
Power Adapter
245W Slim Tip (3-pin)
Special Features
AI Chip: LA3

DESIGN

Display

16” WQXGA (2560x1600) OLED 500nits (Typical) / 1100nits (Peak) Glossy, 100% DCI-P3, 240Hz, DisplayHDR™ True Black 1000, Dolby Vision®, G-SYNC®, Low Blue Light, High Gaming Performance, Flicker Free
Touchscreen
None
Color Calibration
Factory Color Calibration
Pen
Pen Not Supported
Keyboard
Per-key RGB Backlit, Russian
Touchpad
Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
Dimensions (WxDxH) ^[4]
361.7 x 263.4 x 15.9-17.9 mm (14.24 x 10.37 x 0.63-0.70 inches)
Weight ^[5]
Less than 2.0 kg (4.52 lbs)
Case Color
Glacier White
Case Material
Aluminium (Top), Aluminium (Bottom)
Surface Treatment
Anodize Electrophoresis Deposition
SOFTWARE
Operating System
None
Bundled Software
None

CONNECTIVITY

WLAN + Bluetooth ^[6]
Wi-Fi® 7, 802.11be 2x2 + BT5.4
WWAN
Non-WWAN
Ethernet
No Onboard Ethernet
Standard Ports
•1x 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 USB PD 65-100W and DisplayPort™ 2.1 ^[7]
•1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 65-100W and DisplayPort™ 2.1 ^[7]
•1x HDMI® 2.1, up to 8K/60Hz
•1x Headphone / microphone combo jack (3.5mm)

•1x Card reader
•1x Power connector
Docking
Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit Docking for Legion 7 16IAX10
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
None
ACCESSORIES
Bundled Accessories
None
CERTIFICATIONS
Green Certifications
•ErP Lot 3
•RoHS compliant
Other Certifications
•TÜV Rheinland® Flicker Free
•TÜV Rheinland® High Gaming Performance
•TÜV Rheinland® Low Blue Light (Hardware Solution)
MODEL
TopSeller : No
EAN / UPC / JAN: 199271736531
Announce Date: 2025-06-03
End of Support : 2031-06-12
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 max memory is based on the test results with current Lenovo memory offerings.
^[3] The storage capacity supported is based on the test results with current Lenovo storage offerings.
^[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 7 operation is subject to the regulation rules in each country.
^[7] Supports Lenovo protocol for 140W charging but requires a unique Lenovo adapter for operation.
· 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 (Black) GX41U39299



Lenovo 245W AC Adapter (Slim tip)-EU GX21T87702



Lenovo 310 FHD Webcam Black GXC1S15024

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



PSREF
Product Specifications
Reference