



PERFORMANCE

**Processor**  
Intel® Core Ultra 7 255H, 16C (6P + 8E + 2LPE) / 16T, Max Turbo up to 5.1GHz, 24MB Intel Smart Cache

**AI PC Category**<sup>[1]</sup>  
Non-AI PC

**NPU**  
Integrated Intel® AI Boost, up to 13 TOPS

**Graphics**  
Integrated Intel® Arc™ 140T GPU

**Chipset**  
Intel® SoC Platform

**Memory**  
16GB Soldered LPDDR5x-8000

**Memory Slots**  
Memory soldered to systemboard, no slots, dual-channel

**Max Memory**  
16GB soldered memory, not upgradable

**Storage**  
1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

**Storage Slot**  
One M.2 2242 PCIe® 4.0 x4 slot

**Max Storage Support**<sup>[2]</sup>  
One drive, up to 1TB M.2 2242 SSD

**Card Reader**  
microSD Card Reader

**Audio Chip**  
High Definition (HD) Audio, Realtek® ALC3287 codec

**Speakers**  
Stereo speakers, 2W x2, optimized with Dolby Audio™

**Microphone**  
2x, Array

**Camera**  
FHD 1080p + IR with Privacy Shutter

**Battery**  
57Wh

**Power Adapter**  
65W USB-C® (3-pin)

DESIGN

**Display**  
16'' WUXGA (1920x1200) IPS 300nits Glossy, 45% NTSC, 60Hz, TÜV Low Blue Light, Glass, Touch

**Touchscreen**  
10-point Multi-touch

**Screen-to-Body Ratio**  
90% AAR (active area ratio)

**Color Calibration**  
None

**Pen**  
Lenovo® Digital Pen 2

**Keyboard**  
Backlit, English

**Touchpad**  
Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

**Dimensions (WxDxH)**<sup>[3]</sup>  
356 x 255 x 18.4 mm (14.02 x 10.03 x 0.72 inches)

**Weight**<sup>[4]</sup>  
Starting at 2 kg (4.41 lbs)

**Case Color**  
Luna Grey

**Case Material**  
Aluminium (Top), PC-ABS + 40% GF (Bottom)

**Surface Treatment**  
Aluminium Stamping (Anodized with Sandblasting)

SOFTWARE

**Operating System**  
Windows® 11 Home, Romanian / English

**Bundled Software**  
Office Trial

CONNECTIVITY

**WLAN + Bluetooth**  
Wi-Fi® 7, 802.11be 2x2 + BT5.4

**WWAN**  
WWAN Not Supported

**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  
• 2x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 1.4  
• 1x HDMI® 1.4b  
• 1x Headphone / microphone combo jack (3.5mm)  
• 1x microSD card reader

**Docking**  
Various docking solutions are supported via USB-C®. For more compatible docking solutions, please visit [Docking for IdeaPad® 5 2-in-1 16IAL10](#)

SECURITY & PRIVACY

**Security Chip**  
Firmware TPM 2.0

**Fingerprint Reader**  
None

**Other Security**  
• Camera privacy shutter  
• IR camera for Windows® Hello (facial recognition)

SERVICE

**Base Warranty**  
2-year, Courier or Carry-in

**Included Upgrade**  
None

ACCESSORIES

**Bundled Accessories**  
None

CERTIFICATIONS

**Green Certifications**  
• ENERGY STAR® 9.0  
  
• EPEAT™ Gold Registered<sup>[5]</sup>  
• 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:** 198156891181  
**Announce Date:** 2025-03-07    **End of Support** : 2031-04-11

Note:  
<sup>[1]</sup> AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft Copilot key or using Win + C.  
<sup>[2]</sup> The storage capacity supported is based on the test results with current Lenovo storage offerings.  
<sup>[3]</sup> The system dimensions may vary depending on configurations.  
<sup>[4]</sup> 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.  
<sup>[5]</sup> EPEAT is registered where applicable, please visit [epeat.net](#) for registration status by country.

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- Lenovo reserves the right to change specifications without notice.

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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.



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

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Recommended Accessories



Romania



Lenovo Legion 17" Gaming Backpack GB800 (Light Gray) GX41U39300



Lenovo Legion M220 Wireless RGB Gaming Mouse GY51U28359



Lenovo Wired VoIP Headset 5000 4XD1R88995

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



PSREF  
Product Specifications  
Reference