Legion 7 16AGP11 83Q8001HUS





The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- AMD Ryzen™ AI 9 HX 470 (12C / 24T, 2.0 / 5.2GHz, 12MB L2 / 24MB L3)
- 32GB Soldered LPDDR5X-8533
- 1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®
- NVIDIA GeForce RTX™ 5070 12GB GDDR7, Boost Clock 2347MHz, TGP 115W, 798 AI TOPS
- Windows® 11 Home, English
- Case color - Glacier White
- 1-year, Courier or Carry-in

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

Recommended Accessories United Kingdom



Lenovo Legion H320 7.1 Surround Sound Gaming Headset (Aurora Purple)

GXD1W43663



Lenovo 900 Multi-Device Wireless Mouse

GY51V37443



Lenovo 16" Laptop Topload T210 Beige (ECO)

GX41W44768



Lenovo USB 20Gbps USB-C to USB-C Cable 1.5m

4X91U92143



Lenovo Legion 16" 16:10 Laptop Anti-Reflection Screen Protector

GXJ1U61429



Lenovo 245W AC Adapter (Slim tip)-UK

GX21T87706

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PERFORMANCE

Processor
AMD Ryzen™ AI 9 HX 470 (12C / 24T, 2.0 / 5.2GHz, 12MB L2 / 24MB L3)

AI PC Category
Copilot+ PC, AI-Powered Gaming PC

NPU
Integrated AMD Ryzen™ AI, up to 55 TOPS

Graphics
NVIDIA GeForce RTX™ 5070 12GB GDDR7, Boost Clock 2347MHz, TGP 115W, 798 AI TOPS

Chipset
AMD SoC Platform

Memory
32GB Soldered LPDDR5X-8533

Memory Slots
Memory soldered to systemboard, no slots

Max Memory
32GB soldered memory, not upgradable

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

Storage Slot
Two M.2 slots • One M.2 2242 PCIe® 4.0 x4 slot • One M.2 2280 PCIe® 4.0 x2 slot

Max Storage Support[1]
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
4 stereo speakers, 2W x2 (woofers), 2W x2 (tweeters), 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: LA1 + LA4

DESIGN

Display
16" WQXGA (2560x1600) OLED 500nits (typical) / 1100nits (peak) Glossy, 100% DCI-P3, 240Hz, DisplayHDR™ True Black 1000, G-SYNC®, Low Blue Light, High Gaming Performance, Flicker Free

Touchscreen
None

Screen-to-Body Ratio
91.78% AAR (active area ratio)

Color Calibration
X-Rite® Factory Color Calibration

Pen
Pen Not Supported

Keyboard
24-Zone RGB Backlit, English

Touchpad
Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)

Dimensions (WxDxH)[2]
361.35 x 254.16 x 15.5-16.9 mm (14.23 x 10.01 x 0.61-0.67 inches)

Weight[3]
Less than 1.8 kg (3.97 lbs)

Case Color
Glacier White

Case Material
Aluminium (Top), Aluminium (Bottom)

Surface Treatment
Anodize Electrophoresis Deposition

SOFTWARE

Operating System
Windows® 11 Home, 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 Slim tip (rectangle) power connector
- 1x USB-A (USB 5Gbps), Always On, with 10W output
- 1x USB-A (USB 5Gbps), with 4.5W output
- 1x USB-C® (USB4® 40Gbps), with USB PD 65-100W input / 15W output and DisplayPort™ 2.1[4]
- 1x USB-C® (USB4® 40Gbps), with USB PD 65-140W input / 15W output and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Card reader

Docking
Various docking solutions supported via USB-C®. For more compatible docking solutions, please visit Docking for Legion 7 16AGP11

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 Enabled

Fingerprint Reader
No Fingerprint Reader

Other Security
- E-shutter
- IR camera for Windows® Hello (facial recognition)

SERVICE

Base Warranty
1-year, Courier or Carry-in

Included Upgrade
None

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 9.0
- EPEAT Gold Registered
- ErP Lot 6/26
- RoHS compliant

Other Certifications
- Pantone® SkinTone™ Validated
- Pantone® Validated
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® High Gaming Performance
- TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: No	**EAN / UPC / JAN**	: 199275024870
Announce Date	: 2026-04-29	**End of Support**	: 2032-02-26

Note:
[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[2] The system dimensions may vary depending on configurations.
[3] 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.
[4] Support Lenovo protocol on 140W (20V/7A) charging, but requires a unique Lenovo adapter for operation.

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- Lenovo reserves the right to change specifications without notice.
- California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: https://www.calrecycle.ca.gov/Electronics/Consumer