

PERFORMANCE

Processor

AMD Ryzen™ Z2 (8C / 16T, 3.3 / 5.1GHz, 8MB L2 / 16MB L3)

Graphics

Integrated AMD Radeon™ Graphics

Chipset

AMD SoC Platform

Memory^[1]

32GB Soldered LPDDR5x-7500

Memory Slots

Memory soldered to systemboard, no slots

Max Memory

32GB soldered memory, not upgradable

Storage

512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Slot^[2]

One M.2 2280 PCIe® 4.0 x4 slot

Max Storage Support^[3]

One drive, up to 1TB M.2 2242 SSD

Optical

None

Card Reader

microSD Card Reader

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 2W x2 (woofers)

Microphone

2x, Array

Camera

None

Battery

74Wh

Power Adapter

65W USB-C® Slim (2-pin, Wall-mount)

Special Features

Legion Coldfront 2.0 cooling system

DESIGN

Display

8.8" WUXGA (1920x1200) OLED 500nits (typical) / 1100nits (peak) Glossy / Anti-fingerprint, 97% DCI-P3, 144Hz, DisplayHDR™ True Black 1000, Corning® Gorilla® Glass 3, Low Blue Light, Touch

Touchscreen

In-cell, 10-point Multi-touch

Screen-to-Body Ratio

85.8% AAR (active area ratio)

Pen

Pen Not Supported

Touchpad

Buttonless Mylar® surface touchpad (on the right controller), 24 x 24 mm (0.94 x 0.94 inches)

Controls

A B X Y buttons

D-pad

Touchpad

FPS mode switch

Mouse wheel (on right controller)

Left & right Joysticks

Left & right release buttons

LB & LT buttons

RB & RT buttons

Y1 & Y2 buttons

M3 & Y3 buttons

M1 & M2 buttons

6x function buttons

Dimensions (WxDxH)^[4]

- Gamepad | 206 x 136.7 x 22.95 mm (8.11 x 5.38 x 0.90 inches)
- Gamepad with controllers | 295.6 x 136.7 x 42.25 mm (11.64 x 5.38 x 1.66 inches)

Weight^[5]

- Gamepad with controllers | Around 920 g (2.03 lbs)
- Controllers only | Less than 210 g (0.46 lbs)

Case Color

Eclipse Black

Case Material

PC-ABS (Gamepad), PC-ABS (Controllers)

Surface Treatment

Painting (Gamepad), Painting + Special Texture (Controllers)

Others

- Power button
- Volume keys

SOFTWARE

Operating System

Windows® 11 Home, German

Bundled Software

Office Trial

CONNECTIVITY

WLAN + Bluetooth®

Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

WWAN

Non-WWAN

Ethernet

No Onboard Ethernet

Standard Ports^[6]

- 2x USB-C® (USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 1.4
- 2x USB-C® (support charging only)
- 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 Go 8AHP2](#)

SECURITY & PRIVACY

Security Chip

Microsoft® Pluton TPM 2.0 Enabled

Fingerprint Reader

Touch Style, Integrated in Power Button

SERVICE

Base Warranty

2-year, Courier or Carry-in

Included Upgrade

None

ACCESSORIES

Bundled Accessories

Carry Bag (with Controller Dock), Controller Protecting Cover (for FPS mode)

CERTIFICATIONS

Green Certifications

- ErP Lot 6/26
- RoHS compliant

Other Certifications

TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: No	Announce Date	: 2025-09-06
EAN / UPC / JAN	: 199272008248	End of Support	: 2031-09-21

Note:

^[1] Installed memory is actually LPDDR5x-8533 but runs as LPDDR5x-7500 due to platform limitation.

^[2] The actual data transfer rate of the following PCIe.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

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 65W USB-C DC Travel Adapter

40AK0065WW

Power up and stay productive on the road with this DC Travel adapter. Lenovo 65W USB-C DC Travel Adapter is the universal DC adapter, providing 65W power via USB-C for outdoor use.



Lenovo Legion H500 Pro 7.1 Surround Sound Gaming Headset

GXD0T69864

Lenovo Legion H500 Pro 7.1 is the ultimate tool for pro gamers, with the stylishness of the Legion series design language. Immerse yourself completely in your favorite action game, music or movie, with superb driverle...

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

Lenovo

PSREF
Product Specifications
Reference