

Legion 9 16IRX8

PERFORMANCE

Processor	Intel® Core™ i9-13980HX, 24C (8P + 16E) / 32T, P-core 2.2 / 5.6GHz, E-core 1.6 / 4.0GHz, 36MB
Graphics	NVIDIA® GeForce RTX™ 4080 12GB GDDR6, Boost Clock 2280MHz, TGP 175W
Chipset	Intel® HM770 Chipset
Memory^[1]	2x 32GB SO-DIMM DDR5-5600 (Overclock)
Memory Slots	Two DDR5 SO-DIMM slots, dual-channel capable
Max Memory^{[2][3]}	Up to 64GB DDR5-5600 (overclock) offering
Storage	1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®
Storage Support^[4]	Up to two drives, 2x M.2 SSD • M.2 2280 SSD up to 2TB each
Storage Slot	Two M.2 2280 PCIe® 4.0 x4 slots
RAID Preset	None
Card Reader	SD Card Reader
Optical	None
Audio Chip	High Definition (HD) Audio, Realtek® ALC3306 codec
Speakers	Stereo speakers (super linear speaker), 2W x2, audio by HARMAN, optimized with Nahimic Audio, Smart Amplifier (AMP)
Camera	FHD 1080p with E-shutter
Microphone	2x, Array
Battery	Integrated 99.9Wh
Power Adapter	330W Slim Tip Tiny GaN (3-pin) + 140W USB-C® Slim (3-pin)
Special Features	• AI Chip: LA2 • Hybrid thermal solution (liquid cooling + air cooling + liquid metal)

DESIGN

Display	16" 3.2K (3200x2000) Mini LED 1200nits Anti-glare, 100% DCI-P3, 100% Adobe® RGB, 100% sRGB, 165Hz, DisplayHDR™ 1000, Dolby Vision®, G-SYNC®, Low Blue Light
Touchscreen	None
Color Calibration	None
Keyboard	Per-key RGB Backlit, English
Touchpad	Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 58 x 120 mm (2.28 x 4.72 inches)
Case Color	Carbon Black
Surface Treatment	Forged Carbon (Soft Painted)
Case Material	Aluminium + Forge Carbon (Top), Magnesium-aluminium (Bottom)
Pen	Pen Not Supported
Dimensions (WxDxH)^[5]	357.7 x 277.7 x 18.9 mm (14.08 x 10.93 x 0.74 inches)
Weight^[6]	Around 2.56 kg (5.64 lbs)
SOFTWARE	
Operating System	None
Bundled Software	None
CONNECTIVITY	
Ethernet	2.5GbE (RJ-45)
WLAN + Bluetooth^[7]	Intel® Killer Wi-Fi® 6E AX1675i, 802.11ax 2x2 + BT5.3
WWAN	Non-WWAN

PSREF

Product Specifications Reference

Note:

[1] Based on Intel normal specification, 2x 32GB memory configuration up to DDR5-5200. Through optimization of hardware and software, the memory can run as DDR5-5600.

[2] The max memory is based on the test results with current Lenovo memory offerings.

[3] When you update memory capacity, please contact with.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2332?M=83AG000WRM>

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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.

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- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories

Lenovo Powered USB-C Travel Hub

Travel-Ready Productivity Powerhouse; One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo Powered USB-C Travel Hub fits unlimited...

Lenovo USB-C to Ethernet Adapter

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>

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