

Legion 7 16IRX9

PERFORMANCE

Processor	Intel® Core™ i9-14900HX, 24C (8P + 16E) / 32T, P-core 2.2 / 5.8GHz, E-core 1.6 / 4.1GHz, 36MB
AI PC Category	AI-Powered Gaming PC
Graphics	NVIDIA® GeForce RTX™ 4070 8GB GDDR6, Boost Clock 2175MHz, TGP 130W, 321 AI TOPS
Chipset	Intel® HM770 Chipset
Memory	2x 16GB SO-DIMM DDR5-5600
Memory Slots	Two DDR5 SO-DIMM slots, dual-channel capable
Max Memory^[1]	Up to 32GB DDR5-5600 offering
Storage	1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®
Storage Support^[2]	Up to two drives, 2x M.2 SSD • M.2 2280 SSD up to 1TB each
Storage Slot	Two M.2 2280 PCIe® 4.0 x4 slots
Card Reader	SD Card Reader
Optical	None
Audio Chip	High Definition (HD) Audio, Realtek® ALC3287 codec
Speakers	Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio
Camera	FHD 1080p with E-shutter
Microphone	2x, Array
Battery	Integrated 99.9Wh
Power Adapter	230W Slim Tip (3-pin)
Special Features	AI Chip: LA3

DESIGN

Display	16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 240Hz, DisplayHDR™ 400, Dolby Vision®, G-SYNC®, Low Blue Light
Touchscreen	None
Color Calibration	Factory Color Calibration
Keyboard	White Backlit, Spanish
Touchpad	Buttonless glass surface multi-touch touchpad, 75 x 120 mm (2.95 x 4.72 inches)
Case Color	Eclipse Black
Surface Treatment	Anodizing
Case Material	Aluminium (Top), Aluminium (Bottom)
Pen	Pen Not Supported
Dimensions (WxDxH)^[3]	357.7 x 262.5 x 17.6-19.8 mm (14.08 x 10.33 x 0.69- 0.78 inches)
Weight^[4]	Starting at 2.24 kg (4.94 lbs)
SOFTWARE	
Operating System	Windows® 11 Pro, Spanish
Bundled Software	Office Trial
CONNECTIVITY	
Ethernet	No Onboard Ethernet
WLAN + Bluetooth^[5]	Wi-Fi® 6E, 802.11ax 2x2 + BT5.3
WWAN	Non-WWAN

PSREF

Product Specifications Reference

Standard Ports	<ul style="list-style-type: none">1x USB-A (USB 5Gbps / USB 3.2 Gen 1)1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On1x USB-C® (USB 5Gbps / USB 3.2 Gen 1)1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with Lenovo® PD 140W and DisplayPort™ 1.41x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with Lenovo® PD 140W and DisplayPort™ 1.41x HDMI® 2.1, up to 8K/60Hz1x Headphone / microphone combo jack (3.5mm)1x Card reader1x Power connector		
SECURITY & PRIVACY			
Security Chip	Firmware TPM 2.0 Enabled		
Fingerprint Reader	Touch Style, Integrated in Power Button		
Other Security	E-shutter		
SERVICE			
Base Warranty	3-year, Courier or Carry-in		
Included Upgrade	None		
ACCESSORIES			
Bundled Accessories^[6]	Legion Speed Mouse Pad M		
CERTIFICATIONS			
Green Certifications	<ul style="list-style-type: none">ErP Lot 3RoHS compliant		
Other Certifications	TÜV Rheinland® Low Blue Light (Hardware Solution)		
MODEL			
TopSeller	: No	Announce Date	: 2024-11-19
EAN / UPC / JAN	: 198156287861	End of Support	: 2030-01-27

Note:

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

[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[3] The system dimensions may vary depending on configurations.

[4] The system weight is approximate and based on results in.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2464?M=83FD00AGSP>

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REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.

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.

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.

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

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 7-in-1 Hub

Travel - Ready Productivity. One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo USB-C 7-in-1 Hub fits unlimited productivity i...

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

PSREF
Product Specifications
Reference