Legion 5 16IRX9

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i7-14700HX, 20C (8P + 12E) / 28T, P-core 2.1 / 5.5GHz, E-core 1.5 / 3.9GHz, 33MB

AI PC Category
AI-Powered Gaming PC

Graphics
NVIDIA® GeForce RTX™ 4070 8GB GDDR6, Boost Clock 2175MHz, TGP 140W, 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
Up to 64GB DDR5-5600

Storage
1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Support[1]
Up to two drives, 2x M.2 SSD
• M.2 2242 SSD up to 1TB
• M.2 2280 SSD up to 1TB

Storage Slot
Two M.2 2280 PCIe® 4.0 x4 slots

Card Reader
microSD Card Reader

Optical
None

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

Speakers
Stereo speakers, 2W x2, optimized with Nahimic Audio

Camera
FHD 1080p with E-shutter

Microphone
2x, Array

Battery
Integrated 80Wh

Power Adapter
230W Slim Tip (3-pin)

Special Features
AI Chip: LA1

DESIGN

Display[2]
16" WQXGA (2560x1600) IPS 350nits Anti-glare, 100% sRGB, 165Hz, Dolby Vision®, G-SYNC®, Low Blue Light

Touchscreen
None

Color Calibration
Factory Color Calibration

Keyboard
4-Zone RGB Backlit, English (US)

Touchpad
Buttonless Mylar® surface multi-touch touchpad, 75 x 120 mm (2.95 x 4.72 inches)

Case Color
Luna Grey

Surface Treatment
Aluminium Stamping (Anodized with Sandblasting)

Case Material
Aluminium (Top), PC-ABS (Bottom)

Pen
Pen Not Supported

Dimensions (WxDxH)[3]
359.7 x 262.3 x 19.7-25.2 mm (14.16 x 10.33 x 0.78-0.99 inches)

Weight[4]
Around 2.36 kg (5.2 lbs)

SOFTWARE

Operating System
Windows® 11 Pro, English

Bundled Software
Office Trial

CONNECTIVITY

Ethernet
100/1000M (RJ-45)

WLAN + Bluetooth®[5]
Wi-Fi® 6E, 802.11ax 2x2 + BT5.2

WWAN
Non-WWAN

Standard Ports
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with Lenovo® PD 140W and DisplayPort™ 1.4
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Card reader
- 1x Power connector

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 Enabled

Fingerprint Reader
None

Other Security
E-shutter

SERVICE

Base Warranty
1-year, Courier or Carry-in

Included Upgrade
3Y Legion Ultimate Support with Onsite

ACCESSORIES

Bundled Accessories[6]
None

CERTIFICATIONS

Green Certifications
- ErP Lot 6/26
- RoHS compliant

Other Certifications
TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: Yes	**Announce Date**	: 2024-01-31
EAN / UPC / JAN	: 197530789830	**End of Support**	: 2030-01-25

Product image is a sample, it may not match the real color of this model

Note:
[1] The storage capacity supported is based on the test.....

· 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

To see more note information, please link to
https://psref.lenovo.com/Detail/2384?M=83DG00A9US

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

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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

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