

Legion 7 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 130W, 321 AI TOPS

Chipset

Intel® HM770 Chipset

Memory

2x 8GB 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" 3.2K (3200x2000) IPS 430nits Anti-glare, 100% DCI-P3, 165Hz, Dolby Vision®, G-SYNC®, Low Blue Light

Touchscreen

None

Color Calibration

Factory Color Calibration

Keyboard

White Backlit, Bulgarian

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

None

Bundled Software

None

CONNECTIVITY

Ethernet

No Onboard Ethernet

WLAN + Bluetooth^[5]

Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

WWAN

Non-WWAN

Standard Ports

- 1x 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 5Gbps / USB 3.2 Gen 1)
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with Lenovo® PD 140W and DisplayPort™ 1.4
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with Lenovo® PD 140W and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Card reader
- 1x 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

2-year, Courier or Carry-in

Included Upgrade

3Y Courier/Carry-in upgrade from 2Y Courier/Carry-in

ACCESSORIES

Bundled Accessories^[6]

None

CERTIFICATIONS

Green Certifications

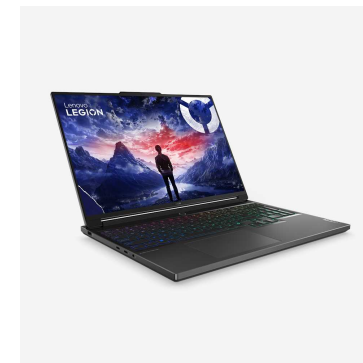
- ErP Lot 3
- RoHS compliant

Other Certifications

TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: No	Announce Date	: 2024-03-19
EAN / UPC / JAN	: 198153595426	End of Support	: 2030-01-27



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

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.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2464?M=83FD0070BM>

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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>

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