

Legion Pro 5 16IRX9 83DF00GDYA

Lenovo

PSREF
Product Specifications
Reference

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™ 4060 8GB GDDR6, Boost Clock 2370MHz, TGP 140W, 233 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 2242 SSD up to 1TB
- M.2 2280 SSD up to 1TB

Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, optimized with Nahimic Audio

Camera

FHD 1080p with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 80Wh

Power Adapter

300W Slim Tip (3-pin)

Special Features

AI Chip: LA1

DESIGN

Display^[3]

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% DCI-P3, 240Hz, DisplayHDR™ 400, Dolby Vision®, G-SYNC®, Low Blue Light, High Gaming Performance

Color Calibration

Factory Color Calibration

Keyboard

4-Zone RGB Backlit, Slovenian

Touchpad

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

Case Color

Onyx Grey

Surface Treatment

Anodizing

Case Material

Aluminium (Top), PC-ABS (Bottom)

Pen

Pen Not Supported

Dimensions (WxDxH)^[4]

363.4 x 261.75 x 21.99-26.95 mm (14.31 x 10.31 x 0.87-1.06 inches)

Weight^[5]

Around 2.5 kg (5.5 lbs)

CONNECTIVITY

Ethernet

100/1000M (RJ-45)

WLAN + Bluetooth^[6]

Wi-Fi® 6E, 802.11ax 2x2 + BT5.2

WWAN

Non-WWAN

Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 3x USB-A (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® (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 Power connector

Docking

Various docking solutions supported via Thunderbolt™ / USB-C®.

For more compatible docking solutions, please visit [Docking for Legion Pro 5 16IRX9](#)

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0 Enabled

Other Security

E-shutter

SERVICE

Base Warranty

2-year, Courier or Carry-in

CERTIFICATIONS

Green Certifications

- ErP Lot 3
- RoHS compliant

Other Certifications

- TÜV Rheinland® High Gaming Performance
- TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: No	Announce Date	: 2024-06-26
EAN / UPC / JAN	: 198154663094	End of Support	: 2029-11-23



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 results with current Lenovo storage offerings.

[3] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

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

[5] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

[6] Wi-Fi 6 and Wi-Fi 6E full features might be limited by country-level restrictions.

6GHz Wi-Fi 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi 6E, and the regional regulatory certifications & spectrum allocation.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2372?M=83DF00GDYA>

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
- Technician Installed Customer
- Onsite Support
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories



Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...



ThinkPad X1 Active Noise Cancellation Headphones

4XD0U47635

The ThinkPad X1 Active Noise Cancellation headphones provide rich, first-class listening and calling in any noise environment. Lenovo has partnered with Synaptics AudioSmartto create industry-leading headphones with H...

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

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Product Specifications
Reference