

PERFORMANCE

Processor

Intel® Core™ i9-13900HX, 24C (8P + 16E) / 32T, P-core 2.2 / 5.4GHz, E-core 1.6 / 3.9GHz, 36MB

Graphics

NVIDIA® GeForce RTX™ 4070 8GB GDDR6, Boost Clock 2175MHz, TGP 140W

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

2x 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

Storage Slot

Two M.2 2280 PCIe 4.0 x4 slots

Card Reader

None

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

300W Slim Tip (3-pin)

Special Features

- Legion Coldfront 5.0 cooling system
- AI Chip: LA2-Q

DESIGN

Display⁽³⁾

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

Touchscreen

None

Color Calibration

Factory Color Calibration

Keyboard

Per-key RGB Backlit (with Lighting Lens), Slovenian

Case Color

Onyx Grey

Surface Treatment

Anodizing

Case Material

Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)⁽⁴⁾

363.4 x 263.55 x 21.97-25.9 mm (14.31 x 10.38 x 0.86-1.02 inches)

Weight⁽⁵⁾

Less than 2.5 kg (5.5 lbs)

SOFTWARE

Operating System

None

Bundled Software

None

CONNECTIVITY

Ethernet

100/1000M (RJ-45)

WLAN + Bluetooth⁽⁶⁾⁽⁷⁾

Intel Killer Wi-Fi® 6E AX1675i, 11ax 2x2 + BT5.1

Standard Ports

- 3x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C® 3.2 Gen 2 (support data transfer and DisplayPort™ 1.4)
- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 140W and DisplayPort 1.4)
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0 Enabled

Fingerprint Reader

None

Other Security

E-shutter

MANAGEABILITY

SERVICE

Base Warranty

2-year, Courier or Carry-in

Included Upgrade

None

ACCESSORIES

Bundled Accessories

4 Switchable Keycaps and Easy Tool

CERTIFICATIONS

Green Certifications

- ErP Lot 3
- RoHS compliant

Other Certifications

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

MODEL

TopSeller : Yes

Announce Date : 2023-04-07

EAN / UPC / JAN : 196804261744

End of Support : 2029-03-24



To see more note information, please link to https://psref.lenovo.com/Detail/Legion_Pro_7_16IRX8?M=82WR0018YA.

· Lenovo reserves the right to change specifications or other product information without notice.
· Product image on this page is a sample, it may not match the real color of this model
· Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

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



ThinkPad Professional 15.6-inch Backpack

4X40Q26383

The Lenovo ThinkPad Professional Backpack is a streamlined yet versatile backpack for the on-the-go professional. This clean, modern design carries, protects, and organizes your mobile office, while premium, lightweight...



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...

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

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PSREF
Product Specifications
Reference