Legion Pro 5 16IAX10H 83LU000JGE

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ Ultra 9 275HX, 24C (8P + 16E) / 24T, Max Turbo up to 5.4GHz, 36MB

AI PC Category[1]
AI-Powered Gaming PC

NPU
Integrated Intel® AI Boost, up to 13 TOPS

Graphics
NVIDIA® GeForce RTX™ 5070 Ti 12GB GDDR7, Boost Clock 2220MHz, TGP 140W, 992 AI TOPS

Chipset
Intel® HM870 Chipset

Memory
2x 16GB SO-DIMM DDR5-5600

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory[2]
Up to 32GB DDR5-5600 offering

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

Max Storage Support[3]
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® ALC3306 codec

Speakers
Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio

Camera
5.0MP with E-shutter

Microphone
2x, Array

Battery
80Wh

Power Adapter
300W Slim Tip (3-pin)

Special Features
AI Chip: LA3

DESIGN

Display
16" WQXGA (2560x1600) OLED 500nits Glossy, 100% DCI-P3, 165Hz, DisplayHDR™ True Black 1000, Dolby Vision®, G-SYNC®

Color Calibration
Factory Color Calibration

Keyboard
24-Zone RGB Backlit, German

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

Case Color
Eclipse Black

Surface Treatment
Anodizing Sandblasting

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

Pen
Pen Not Supported

Dimensions (WxDxH)[4]
364.38 x 268.06 x 21.69-25.95 mm (14.35 x 10.55 x 0.85-1.02 inches)

Weight[5]
Around 2.42 kg (5.34 lbs)

SOFTWARE

Operating System
Windows® 11 Home, German

Bundled Software
Office Trial

CONNECTIVITY

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

WWAN
Non-WWAN

Ethernet
100/1000M (RJ-45)

Standard Ports[7]
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 65-100W and DisplayPort™ 2.1
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with DisplayPort™ 2.1
- 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™ or USB-C®.
For more compatible docking solutions, please visit Docking for Legion Pro 5 16IAX10H

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 Enabled

Other Security
E-shutter

SERVICE

Base Warranty
2-year, Courier or Carry-in

Included Upgrade
<= 3 Months Premium Care

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 8.0
- ErP Lot 6/26
- RoHS compliant

Other Certifications
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® High Gaming Performance
- TÜV Rheinland® Low Blue Light (Hardware Solution)

MODEL

TopSeller	: No	**Announce Date**	: 2025-05-16
EAN / UPC / JAN	: 198157517509	**End of Support**	: 2031-06-22

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

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the web page.

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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.

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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Lenovo PSREF
Product Specifications Reference