

Legion Pro 5 16IAX10H 83LU004GBM



PSREF  
Product Specifications  
Reference

PERFORMANCE

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

**AI PC Category**  
AI-Powered Gaming PC<sup>[1]</sup>

**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 SODIMM DDR5-5600

**Memory Slots**  
Two DDR5 SODIMM slots, dual-channel capable

**Max Memory**<sup>[2]</sup>  
Up to 32GB DDR5-5600 offering

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

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

**Max Storage Support**<sup>[3]</sup>  
Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 1TB • M.2 2280 SSD up to 1TB

**Optical**  
None

**Card Reader**  
No Card Reader

**Audio Chip**  
High Definition (HD) Audio, Realtek® ALC3306 codec

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

**Microphone**  
2x, Array

**Camera**  
5.0MP with E-shutter

**Battery**  
80Wh

**Power Adapter**  
300W Slim Tip (3-pin)

**Special Features**  
AI Chip: LA3

DESIGN

**Display**  
16" WQXGA (2560x1600) OLED 500nits (typical) / 1100nits (peak) Glossy, 100% DCI-P3, 165Hz, DisplayHDR™ True Black 1000, Dolby Vision®, G-SYNC®

**Touchscreen**  
None

**Screen-to-Body Ratio**  
91.7% AAR (active area ratio)

**Color Calibration**  
Factory Color Calibration

**Pen**  
Pen Not Supported

**Keyboard**  
White Backlit, Bulgarian

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

**Dimensions (WxDxH)**<sup>[4]</sup>  
364.38 x 268.06 x 21.69-25.95 mm (14.35 x 10.55 x 0.85-1.02 inches)

**Weight**<sup>[5]</sup>  
Around 2.42 kg (5.34 lbs)

**Case Color**  
Eclipse Black

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

**Surface Treatment**  
Anodizing Sandblasting

**SOFTWARE**

**Operating System**  
None

**Bundled Software**  
None

CONNECTIVITY

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

**WWAN**  
WWAN Not Supported

**Ethernet**  
100/1000M (RJ-45)

**Standard Ports**

- 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<sup>[6]</sup>
- 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 Slim tip 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

**Fingerprint Reader**  
No Fingerprint Reader

**Other Security**  
E-shutter

SERVICE

**Base Warranty**  
2-year, Courier or Carry-in

**Included Upgrade**  
3Y Courier/Carry in from 2Y Courier/Carry in (CPN)

ACCESSORIES

**Bundled Accessories**  
None

CERTIFICATIONS

**Green Certifications**

- 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      **EAN / UPC / JAN:** 199274189365

**Announce Date:** 2025-12-08      **End of Support** : 2031-06-22

Note:

<sup>[1]</sup> AI-Powered Gaming PCs feature Lenovo AI Engine+ and NVIDIA GeForce RTX GPUs to handle AI-driven tasks and deliver exceptional gaming performance.

<sup>[2]</sup> The max memory is based on the test results with current Lenovo memory offerings.

<sup>[3]</sup> The storage capacity supported is based on the test results with current Lenovo storage offerings.

<sup>[4]</sup> The system dimensions may vary depending on configurations.

<sup>[5]</sup> 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.

<sup>[6]</sup> Supports Lenovo protocol for 140W charging but requires a unique Lenovo adapter for operation.

• Please refer to the official [Lenovo store website](#) or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.

• Lenovo reserves the right to change specifications without notice.

## Premium Care - Advanced Support from Real People. Real Fast.



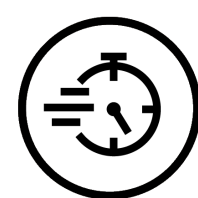
### REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.



### 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



United States of America



**Lenovo Self-Charging Bluetooth Keyboard-French Canadian 058 4Y41R69498**



**Lenovo Wired VoIP Headset 5000 4XD1R88995**



**Lenovo Essential FHD Webcam Gen2 4XC1S15018**

Please click [here](#) to view the full list of accessories.

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