# Legion Pro 7 16IAX10H 83F500PPNT





The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- Intel Core™ Ultra 9 290HX Plus, 24C (8P + 16E) / 24T, Max Turbo up to 5.5GHz, 36MB Intel® Smart Cache
- 2x 32GB CSODIMM DDR5-6400
- 2TB SSD M.2 2280 PCIe® 5.0x4 Performance NVMe®
- NVIDIA GeForce RTX™ 5090 24GB GDDR7, Boost Clock 2160MHz, TGP 175W, 1824 AI TOPS
- Windows® 11 Home, English
- Case color - Eclipse Black
- 2-year, Courier or Carry-in with 1-year Battery

## 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

## Recommended Accessories Austria



Lenovo Wireless VoIP Headset (USB-C, Teams)

4XD1W27286



Lenovo 900 Multi-Device Wireless Mouse

GY51V37443



Lenovo Select Targus 16-inch Mobile Elite Backpack

4X41W54716



Lenovo USB 20Gbps USB-C to USB-C Cable 1.5m

4X91U92143



Lenovo Legion 16" 16:10 Laptop Anti-Reflection Screen Protector

GXJ1U61429



Lenovo Legion 400W AC adapter (Slim Tip)-EU

GX21T68202

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## PERFORMANCE

**Processor**
Intel Core™ Ultra 9 290HX Plus, 24C (8P + 16E) / 24T, Max Turbo up to 5.5GHz, 36MB Intel® Smart Cache

**AI PC Category**
AI-Powered Gaming PC[1]

**NPU**
Integrated Intel® AI Boost, up to 13 TOPS

**Graphics**
NVIDIA GeForce RTX™ 5090 24GB GDDR7, Boost Clock 2160MHz, TGP 175W, 1824 AI TOPS

**Chipset**
Intel® HM870 Chipset

**Memory**
2x 32GB CSODIMM DDR5-6400

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

**Max Memory**[2]
Up to 64GB DDR5-6400 offering

**Storage**
2TB SSD M.2 2280 PCIe® 5.0x4 Performance NVMe®

**Storage Slot**
Two M.2 slots • One M.2 2280 PCIe® 5.0 x4 slot • One M.2 2280 PCIe® 4.0 x4 slot

**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 2TB

**Optical**
None

**Card Reader**
No card reader

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

**Speakers**
4 stereo speakers, 2W x2 (woofers), 2W x2 (tweeters), optimized with Nahimic Audio, Smart Amplifier (AMP)

**Microphone**
2x, Array

**Camera**
5.0MP with E-shutter

**Battery**
99.9Wh

**Power Adapter**
400W Slim Tip (3-pin)

**Special Features**
AI Chip: LA3

## DESIGN

**Display**
16" WQXGA (2560x1600) OLED 500nits (typical) / 1100nits (peak) Glossy, 100% DCI-P3, 240Hz, DisplayHDR™ True Black 1000, Dolby Vision®, G-SYNC®, Low Blue Light, High Gaming Performance, Flicker Free

**Touchscreen**
None

**Screen-to-Body Ratio**
92% AAR (active area ratio)

**Color Calibration**
Factory Color Calibration

**Pen**
Pen Not Supported

**Keyboard**
Per-key RGB Backlit, English (EU)

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

**Dimensions (WxDxH)**[4]
364.38 x 275.94 x 21.9-26.65 mm (14.35 x 10.86 x 0.86-1.05 inches)

**Weight**[5]
Starting at 2.57 kg (5.67 lbs)

**Case Color**
Eclipse Black

**Case Material**
Aluminium (Top), Aluminium (Bottom)

**Surface Treatment**
Anodizing Sandblasting

## SOFTWARE

**Operating System**
Windows® 11 Home, English

**Bundled Software**
Office Trial

## CONNECTIVITY

**WLAN + Bluetooth**
Wi-Fi® 7, 802.11be 2x2 + BT5.4

**WWAN**
WWAN Not Supported

**Ethernet**
2.5GbE (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 95-100W and DisplayPort™ 2.1
- 1x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer and DisplayPort™ 2.1)
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (2.5GbE RJ-45)
- 1x Slim tip (rectangle) power connector

**Docking**
Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit Docking for Legion Pro 7 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 with 1-year Battery

**Included Upgrade**
None

## ACCESSORIES

**Bundled Accessories**
4 Switchable Keycaps + Anti-Reflection Screen Protector

## CERTIFICATIONS

**Green Certifications**
- ErP Lot 3
- RoHS compliant

**Other Certifications**
- Pantone® SkinTone™ Validated
- Pantone® Validated
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® High Gaming Performance
- TÜV Rheinland® Low Blue Light (Hardware Solution)

## MODEL

| | | | |
|---|---|---|---|
| **Product** | : Legion Pro 7 16IAX10H \| Lenovo Legion™ Pro 7i (16",10) | | |
| **TopSeller** | : No | **EAN / UPC / JAN** | : 828143515980 |
| **Announce Date** | : 2026-08-21 | **End of Support** | : 2031-03-08 |

Note:
[1] AI-Powered Gaming PCs feature Lenovo AI Engine+ and NVIDIA GeForce RTX GPUs to handle AI-driven tasks and deliver exceptional gaming performance.
[2] The max memory is based on the test results with current Lenovo memory offerings.
[3] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[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.

- 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.
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