

Legion Pro 7 16IAX10H 83F5000XLM

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^[1]

NPU
Integrated Intel® AI Boost, up to 13 TOPS

Graphics
NVIDIA® GeForce RTX™ 5080 16GB GDDR7, Boost Clock 2287MHz, TGP 175W, 1334 AI TOPS

Chipset
Intel® HM870 Chipset

Memory
2x 16GB CSODIMM DDR5-6400

Memory Slots
Two DDR5 CSODIMM slots, dual-channel capable

Max Memory^[2]
Up to 32GB DDR5-6400 offering

Storage
1TB SSD M.2 2242 PCIe® 4.0x4 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
None

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, Spanish (LA)

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 Single Language, Spanish

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 65-100W 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 Power connector

Docking
Various docking solutions supported via Thunderbolt™ or 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
None

Other Security
E-shutter

SERVICE

Base Warranty
1-year, Courier or Carry-in

Included Upgrade
None

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications
• ErP Lot 3
• RoHS compliant

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

MODEL

Product : Lenovo® Legion™ Pro 7i (16”,10)
TopSeller : Yes **EAN / UPC / JAN:** 198156241924
Announce Date: 2025-03-10 **End of Support** : 2031-04-07
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.

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• Lenovo reserves the right to change specifications without notice.



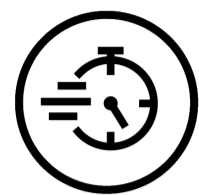
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Recommended Accessories



Peru



Lenovo 15.6 Laptop Everyday Backpack B510-ROW 4X41U80414



Lenovo Analog In-Ear Headphones Gen II Bulk Package (20pcs) 4XD1T54899

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

Recommended Services

BEST	4Y Onsite upgrade from 1Y Courier/Carry-in (5WS0W36587)
BETTER	3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0K76356)

Lenovo

PSREF

Product Specifications
Reference