

Legion Pro 7 16IAX10H

PSREF

Product Specifications
Reference

PERFORMANCE

- Processor**
Intel® Core™ Ultra 9 275HX, 24C (8P + 16E) / 24T, P-core 2.7 / 5.4GHz, E-core 2.1 / 4.6GHz, 36MB
- AI PC Category**
AI-Powered Gaming PC
- 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^[1]**
Up to 32GB DDR5-6400 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 2242 SSD up to 1TB
 - M.2 2280 SSD up to 2TB
- Storage Slot**
Two M.2 slots
 - One M.2 2280 PCIe® 5.0 x4 slot
 - One M.2 2280 PCIe® 4.0 x4 slot
- 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)
- Camera**
5.0MP with E-shutter
- Microphone**
2x, Array
- Battery**
99.9Wh
- Power Adapter**
400W Slim Tip (3-pin)
- Special Features**
AI Chip: LA3

DESIGN

- Display**
16" WQXGA (2560x1600) OLED 500nits Glossy, 100% DCI-P3, 240Hz, DisplayHDR™ True Black 1000, Dolby Vision®, G-SYNC®
- Color Calibration**
Factory Color Calibration
- Keyboard**
Per-key RGB Backlit, Italian
- Touchpad**
Buttonless Mylar® surface multi-touch touchpad, 75 x 120 mm (2.95 x 4.72 inches)
- Case Color**
Eclipse Black
- Surface Treatment**
Anodizing Sandblasting
- Case Material**
Aluminium (Top), Aluminium (Bottom)
- Pen**
Pen Not Supported
- Dimensions (WxDxH)^[3]**
364.38 x 275.94 x 21.9-26.65 mm (14.35 x 10.86 x 0.86-1.05 inches)
- Weight^[4]**
Starting at 2.57 kg (5.67 lbs)
- SOFTWARE**
 - Operating System**
Windows® 11 Home, Italian / English
 - Bundled Software**
Office Trial
- CONNECTIVITY**
 - Ethernet**
2.5GbE (RJ-45)
 - WLAN + Bluetooth^[5]**
Wi-Fi® 7, 802.11be 2x2 + BT5.4
 - WWAN**
Non-WWAN
 - 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 Lenovo® PD 140W 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
 - Other Security**
E-shutter
- SERVICE**
 - Base Warranty**
2-year, Courier or Carry-in
 - Included Upgrade**
2Y Premium Care with Onsite upgrade from 2Y Courier/Carry-in, CO2 Offset 1 ton (2nd Generation Carbon Offset Projects)
- ACCESSORIES**
 - Bundled Accessories**
4 Switchable Keycaps
- CERTIFICATIONS**
 - Green Certifications**
 - ErP Lot 3
 - RoHS compliant
 - Other Certifications**
 - TÜV Rheinland® High Gaming Performance
 - TÜV Rheinland® Low Blue Light (Hardware Solution)
- MODEL**

TopSeller	: No	Announce Date	: 2025-03-13
EAN / UPC / JAN	: 198156764270	End of Support	: 2031-04-07

Note:

[1] The max memory is based on the test results with current Lenovo memory offerings.

[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[3] The system dimensions may vary depending on configurations.

[4] 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.

[5] 6GHz Wi-Fi 7 operation is subject to the regulation rules in each country.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2626?M=83F5003NIX>

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- Replaceable Unit Service
- International Warranty Upgrade

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