



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™ 5080 16GB GDDR7, Boost Clock 2287MHz, TGP 175W, 1334 AI TOPS

**Chipset**  
Intel® HM870 Chipset

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

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

**Max Memory**<sup>[2]</sup>  
Up to 64GB DDR5-6400 offering

**Storage**  
1TB 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**<sup>[3]</sup>  
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, English

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

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

**Weight**<sup>[5]</sup>  
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 + Lenovo® AI Now

CONNECTIVITY

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

**WWAN**  
WWAN Not Supported

**Ethernet**  
2.5GbE (RJ-45)

**Standard Ports**  
• 1x Slim tip Power connector  
• 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)

**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** : No **EAN / UPC / JAN**: 198156390486  
**Announce Date**: 2025-03-27 **End of Support** : 2031-04-06  
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.

• 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.

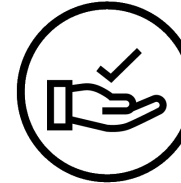
• Lenovo reserves the right to change specifications without notice.

California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, please access the [web page](#).



**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.

Advanced Support from Real People. Real Fast.



**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



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) |



PSREF  
Product Specifications  
Reference