

## PERFORMANCE

<b>Processor</b>	Intel® Core™ Ultra 9 275HX, 24C (8P + 16E) / 24T, Max Turbo up to 5.4GHz, 36MB
<b>AI PC Category</b> <sup>[1]</sup>	AI-Powered Gaming PC
<b>NPU</b>	Integrated Intel® AI Boost, up to 13 TOPS
<b>Graphics</b>	NVIDIA® GeForce RTX™ 5070 8GB GDDR7, Boost Clock 2347MHz, TGP 115W, 798 AI TOPS
<b>Chipset</b>	Intel® HM870 Chipset
<b>Memory</b>	2x 16GB SO-DIMM DDR5-5600
<b>Memory Slots</b>	Two DDR5 SO-DIMM slots, dual-channel capable
<b>Max Memory</b> <sup>[2]</sup>	Up to 32GB DDR5-5600 offering
<b>Storage</b>	1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®
<b>Storage Support</b> <sup>[3]</sup>	Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 1TB each
<b>Storage Slot</b>	Two M.2 2280 PCIe® 4.0 x4 slots
<b>Card Reader</b>	SD Card Reader
<b>Optical</b>	None
<b>Audio Chip</b>	High Definition (HD) Audio, Realtek® ALC3306 codec
<b>Speakers</b>	Stereo speakers, 2W x2, audio by HARMAN, optimized with Nahimic Audio, Smart Amplifier (AMP)
<b>Camera</b>	5.0MP + IR with E-shutter
<b>Microphone</b>	2x, Array
<b>Battery</b>	84Wh
<b>Power Adapter</b>	245W Slim Tip (3-pin)
<b>Special Features</b>	AI Chip: LA3

## DESIGN

<b>Display</b>	16" WQXGA (2560x1600) OLED 500nits Glossy, 100% DCI-P3, 240Hz, DisplayHDR™ True Black 1000, Dolby Vision®, G-SYNC®, Low Blue Light, High Gaming Performance, Flicker Free
<b>Touchscreen</b>	None
<b>Color Calibration</b>	Factory Color Calibration
<b>Keyboard</b>	Per-key RGB Backlit, Bulgarian
<b>Touchpad</b>	Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
<b>Case Color</b>	Glacier White
<b>Surface Treatment</b>	Anodize Electrophoresis Deposition
<b>Case Material</b>	Aluminium (Top), Aluminium (Bottom)
<b>Pen</b>	Pen Not Supported
<b>Dimensions (WxDxH)</b> <sup>[4]</sup>	361.7 x 263.4 x 15.9-17.9 mm (14.24 x 10.37 x 0.63-0.70 inches)
<b>Weight</b> <sup>[5]</sup>	Less than 2.0 kg (4.52 lbs)
<b>SOFTWARE</b>	
<b>Operating System</b>	None
<b>Bundled Software</b>	None
<b>CONNECTIVITY</b>	
<b>WLAN + Bluetooth</b> <sup>[6]</sup>	Wi-Fi® 7, 802.11be 2x2 + BT5.4
<b>WWAN</b>	Non-WWAN
<b>Ethernet</b>	No Onboard Ethernet

<b>Standard Ports</b> <sup>[7]</sup>	<ul style="list-style-type: none"> <li>1x USB-A (USB 5Gbps / USB 3.2 Gen 1)</li> <li>1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On</li> <li>1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 65-100W and DisplayPort™ 2.1</li> <li>1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 65-100W and DisplayPort™ 2.1</li> <li>1x HDMI® 2.1, up to 8K/60Hz</li> <li>1x Headphone / microphone combo jack (3.5mm)</li> <li>1x Card reader</li> <li>1x Power connector</li> </ul>
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<b>Docking</b>	Various docking solutions supported via Thunderbolt™ or USB-C®.
	For more compatible docking solutions, please visit <a href="#">Docking for Legion 7 16IAX10</a>

## SECURITY & PRIVACY

<b>Security Chip</b>	Firmware TPM 2.0 Enabled
<b>Fingerprint Reader</b>	None
<b>Other Security</b>	E-shutter

## SERVICE

<b>Base Warranty</b>	2-year, Courier or Carry-in
<b>Included Upgrade</b>	None

## ACCESSORIES

<b>Bundled Accessories</b>	None
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## CERTIFICATIONS

<b>Green Certifications</b>	<ul style="list-style-type: none"> <li>ErP Lot 3</li> <li>RoHS compliant</li> </ul>
<b>Other Certifications</b>	<ul style="list-style-type: none"> <li>TÜV Rheinland® Flicker Free</li> <li>TÜV Rheinland® High Gaming Performance</li> <li>TÜV Rheinland® Low Blue Light (Hardware Solution)</li> </ul>

## MODEL

<b>TopSeller</b>	: No	<b>Announce Date</b>	: 2025-05-30
<b>EAN / UPC / JAN</b>	: 198158884648	<b>End of Support</b>	: 2031-06-12

· Lenovo reserves the right to change specifications without notice.  
To see more note information, please link to <https://psref.lenovo.com/Detail/2642?M=83KY0034BM>

## 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

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## Recommended Accessories



### Lenovo USB-C Cable 1m

4X90U90619

The Lenovo USB-C Cable 1m makes it easy to connect your USB-C notebook with other USB-C accessories and displays. It supports 10Gbps data rate, 20V/3A 60W power, and can be used with USB-C Docks, USB-C monitors with 4...



### Lenovo USB Soundbar

0A36190

The Lenovo USB Soundbar allows you to add stereo sound to your compatible Lenovo ThinkVision Monitor without having to sacrifice valuable desk space. The stylish Lenovo USB Soundbar is an excellent choice for adding ...

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>

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**PSREF**  
Product Specifications  
Reference