

Lenovo LOQ 15AHP10

Step Up To True Gaming

Step into true gaming with Lenovo LOQ, built for first-time gamers ready to experience what they've been missing. Powered by latest-generation AMD Ryzen™ 200 Series processors and next-gen NVIDIA® GeForce RTX™ graphics, it delivers stunning visuals with ray tracing and AI-enhanced DLSS, making every game and app run like a dream. The sleek Luna Grey design keeps things clean and modern, while Lenovo AI Engine+ optimizes performance in real time based on what you're doing.

Stay cool and quiet with Hyperchamber Cooling Technology, and enjoy ultra-responsive gameplay on this gaming keyboard with soft-landing switches in either 24-zone RGB or a clean white backlight. Its true gaming display brings your games and favorite streams to life with high resolution and refresh rates on a 15" screen. Mil-Spec tested for rugged reliability, and with Legion Space to manage settings and devices, the Lenovo LOQ is your gateway to gaming with friends.

WHY YOU SHOULD BUY THE LENOVO LOQ 15AHP10



Where Performance Elevates Everyday Experiences

The AMD Ryzen™ 200 Series processors for mobile provide the technology that users need to harness the power of advanced computing with trusted performance, incredible battery life, and introductory AI experiences today and for years to come.



Game Changer

Powered by NVIDIA Blackwell, GeForce RTX™ 50 Series Laptop GPUs bring game-changing AI capabilities to gamers and creators. Multiply performance with NVIDIA DLSS 4, generate images at unprecedented speed, and unleash your creativity with NVIDIA Studio.



Stay Icy. Game Spicy.

Lenovo LOQ's Hyperchamber Cooling Technology keeps your system quiet and cool with turbo-charged fans, 3D copper heat pipes, and vacuum-sealed airflow to direct heat away from you. Use Fn+Q to easily switch between Quiet, Balance, Performance, or Extreme modes, adapting to gaming, studying, or streaming.



Game. Watch. Slay. Lenovo AI Engine+

Lenovo AI Engine+ makes gaming easy by optimizing your laptop's performance automatically. Powered by the Lenovo AI Core, it tunes your CPU, GPU, and system settings for smoother gameplay and better FPS. With Scenario Detection, it adjusts in real time for gaming, streaming, or everyday tasks, ensuring reliable and hassle-free performance.



Stunning Display. Killer Keys.

The Lenovo LOQ display, perfect for gaming and watching your favorite streams. With FHD or QHD resolution and refresh rates starting at 144Hz, it's twice as fast as standard screens. It Offers 100% sRGB color accuracy. The Lenovo LOQ keyboard is built to slay with a full layout, RGB or white lighting, and soft-landing switches for smooth, satisfying presses. Lenovo Spectrum adds 16 million color effects to match your vibe.



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AMD
RYZEN

Lenovo

Lenovo LOQ 15AHP10

SPECIFICATIONS

LOQ 15AHP10

PERFORMANCE

Processor

AMD Ryzen™ 7 250 processor
AMD Ryzen™ 5 220 processor

Operating System

Windows 11 Pro / Windows 11 Home / No OS

Graphics

NVIDIA® GeForce RTX™ 5060 Laptop GPU / 8GB GDDR7 / 128-bit / 100W incl. 15W Boost / Up to 572 AI TOPS / 3328 CUDA Cores

NVIDIA® GeForce RTX™ 5050 Laptop GPU / 8GB GDDR7 / 128-bit / 100W incl. 15W Boost / Up to 440 AI TOPS / 2560 CUDA Cores

MUX Supported

(50 Series) NVIDIA® Supported Technologies
NVIDIA DLSS 4, NVIDIA Reflex 2, NVIDIA Broadcast, Resizable BAR, NVIDIA Ansel, NVIDIA Freestyle, NVIDIA Shadowplay, NVIDIA Highlights, NVIDIA G-SYNC®, NVIDIA Omniverse, RTX Remix, NVIDIA GPU Boost™, Vulkan RT API, OpenGL 4.6, NVIDIA Encoder (3x Ninth Generation), NVIDIA Decoder (2x Sixth Generation), CUDA Capability (12.8)

AI Chip

Lenovo AI Engine+Support / LA1

Memory

32GB (2x 16GB) 5600 MT/s DDR5 Memory
16GB (1x 16GB) 5600 MT/s DDR5 Memory

Storage

2TB (2x 1TB) M.2 2242 PCIe SSD (Gen 4)¹
1TB M.2 2242 PCIe SSD (Gen4)
512GB M.2 2242 PCIe SSD (Gen4)

Battery

60Whr Rapid Charge Pro
80Whr Rapid Charge Pro

Cooling

HyperChamber Cooling

DESIGN

Display

15.6" WQHD (2560*1440) IPS LCD; 16:9 (165Hz / 100% sRGB / 350nit / 3ms OD / NVIDIA® G-SYNC® Support)

15.6" FHD (1920*1080) IPS LCD; 16:9 (144Hz / 100% sRGB / 300nit / 25ms / NVIDIA® G-SYNC® Support)

Dimensions (W x D x H)

(inches): 14.17 x 10.19 x 0.86-0.94
(mm): 359.86 x 258.7 x 21.9-23.9

Weight

Starting at -5.29 lbs (-2.4 kg)

Color

Luna Grey

Keyboard

1.5mm / 0.3mm Dish / White Backlight or optional
24-zone RGB / 100% Anti-Ghosting / Lenovo
Spectrum RGB Software Support

Webcam

Built-in SMP QHD Webcam with 2x Mic array & E-Shutter

CONNECTIVITY

WLAN

Wi-Fi 6E 2x2AX with Bluetooth® 5.3

Audio

2x2W Speaker System with Nahimic Audio

I/O (Input/Output) Ports

Right side:

1x USB Type-A 3.2 Gen 1
1x USB Type-C™ (USB 3.2 Gen2 + DisplayPort™ 1.4, 140W Power Delivery, 10Gbps data transfer rate)
1x E-Shutter Button
1x Audio Combo Jack

Rear side:

2x USB Type-A 3.2 Gen 1
1x RJ45
1x DC-In
1x HDMI™ 2.1

PRELOADED SOFTWARE

- Legion Space
- Microsoft 365 (Trial)
- Xbox Game Pass Ultimate (3-month trial)
- X-Rite Color Management Tool
- Fn+R: 165Hz/60Hz or 144Hz/60Hz
- Fn+Q: Performance / Quiet / Balance/ Custom Mode

Legion Ultimate Support²

Excel at any level with top-tier power players in your corner. Our dedicated experts from Legion Ultimate Support equip you with fast remote solutions as well as hands-on repairs. Gaming late into the night? They'll be up to help you via chat, email, or call. Alternatively, you can send your device to us hassle-free and at no extra cost.

Lenovo Smart Performance

Nobody can tune your PC better than the people who made it. Get the most from your device with Lenovo Smart Performance that automatically scans and resolves performance and security issues in minutes, assuring your PC stays in top-notch condition just like the first day you got it.

Lenovo Accidental Damage Protection

We all know the drill: spilt wine, spilt milk or an accidental fall or crash situation - the unexpected is bound to happen, even to exceptionally engineered PCs. With Lenovo's Accidental Damage Protection enjoy complete peace-of-mind knowing that your PC is fully protected against non-warranty damages.

Lenovo Sealed Battery Warranty

Long-lasting battery life is not just a feature but a necessity to help you stay productive and connected all day long. Protect your PC's sealed battery from degradation, enjoy hassle-free battery replacement service, and safeguard your PC from future battery failure with our Sealed Battery Warranty Service.

Lenovo CO₂ Offset Service

Lenovo CO₂ Offset Service gives you a simple and transparent way to offset your device's carbon emissions and make tangible contributions to the environment by supporting verified United Nations, CDM, Gold Standard³, and Climate Action Reserve climate action projects around the world.

Now give back to the environment in a tangible way! Lenovo CO₂ Offset Service gives you a simple and transparent way to offset carbon emissions and help the environment by supporting one of several United Nations Climate Action projects, including those that help to improve renewable energy, reduce air pollution, or enhance safe waste disposal, all of this at just the click of a button.

Lenovo Gaming Ecosystem



Lenovo
L27h-4A Monitor



Lenovo M210 RGB
Gaming Mouse



Legion K310
RGB Gaming
keyboard



Lenovo H210
Gaming Headset



Lenovo
Cloth Gaming
Mousepad L



Lenovo Modern
Gaming Backpack



Legion Glasses
Gen2

McAfee® LiveSafe™

Register McAfee® to enjoy these benefits in your FREE 30-day trial.

- Award-winning Antivirus
- Multi-device Compatibility
- Password Manager
- Identity Theft Protection
- Safe Web Browsing
- Free Customer Support

¹2TB option available only in select locations.

²Legion Ultimate Support, which utilizes gamer-centric technicians, is currently only available in the United States, Canada, Japan, India, Taiwan, Hong Kong, Singapore, Philippines, Malaysia, Thailand, Vietnam and Korea. Premium Care for Gaming and advanced technicians will be available for the rest of the world. Products and offers are subject to availability. Lenovo reserves the right to alter product offerings and specifications, at any time, without notice. Some markets may not have 24/7 support capability and will follow the best available SLAs.

* Example of Lenovo marketing catalogue naming convention

Lenovo LOQ
Sub-brand

15 AHP 10
Screen size Platform Generation
or volume (litre)



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