

Time to Raise the Gaming Stakes

Take your gaming and performance to the next level by shattering your own expectations with the Lenovo LOQ 15APH8, a PC engineered for gaming, productivity and everything in between. Equipped with up to AMD Ryzen™ 7 7840H processor, NVIDIA® GeForce RTX™ 4060 Laptop GPU and up to 32GB 5600MHz DDR5 RAM, the system is performance-tuned with the Lenovo AI Engine+ and a dedicated MUX switch with NVIDIA® Advanced Optimus. Capable of delivering lightning-fast gameplay on a high-resolution 165Hz 15.6" WQHD 350-nit display, as well as blazing-fast precision and comfortable typing with the signature Lenovo gaming keyboard. The durable chassis is designed for simplicity and practicality, with thinner side walls and high-performance rear I/O. Dual fans and larger vents ensure quiet and powerful cooling, so you can game undetected in public areas on a future-proof machine that doesn't break the bank.

WHY YOU SHOULD BUY THE LENOVO LOQ 15APH8



Speed meets endurance with AMD Ryzen™ processors

Speed meets endurance when you play with a gaming laptop powered by AMD Ryzen™ processors. Seize the pure performance you need to win, without compromising battery life.



Fully Powered NVIDIA® GeForce RTX™ Graphics Cards. Beyond Fast.

NVIDIA® GeForce RTX™ 40 Series Laptop GPUs are beyond fast for gamers and creators. Experience lifelike virtual worlds with ray tracing, massively boost performance with DLSS 3, and get a competitive edge with Reflex.



AI-driven Gaming Intelligence

The Lenovo AI Engine+ and Lenovo LA1 AI chip combine with the MUX Switch with NVIDIA® Advanced Optimus to increase performance to levels you've never experienced.



Earthshaking Gaming for Discreet Gamers

Keep intense gaming sessions quiet with advanced thermals featuring four heat pipes, dual 85mm 12V high-speed fans, larger vents, and 135W TDP.



Lenovo LOQ 15APH8



SPECIFICATIONS

Lenovo LOQ 15APH8

PERFORMANCE

Processor

AMD Ryzen™ 7 7840HS
AMD Ryzen™ 5 7640HS

Operating System

Windows 11 Pro
Windows 11 Home
Non OS

Graphics

NVIDIA® GeForce RTX™ 4060 Laptop GPU
8GB GDDR6 (115W) 2370Mhz Boost Clock
NVIDIA® GeForce RTX™ 4050 Laptop GPU
6GB GDDR6 (95W) 2370Mhz Boost Clock
NVIDIA® GeForce RTX™ 3050 Laptop GPU
6GB GDDR6 (95W) 1732Mhz Boost Clock

(40 Series) NVIDIA Supported Technologies
NVIDIA DLSS 3, NVIDIA Ada Lovelace,
Architecture, NVIDIA Max-Q Technologies:
Advanced Optimus, Optimal Playable
Settings, Rapid Core Scaling, CPU Optimizer,
Dynamicboost, DLSS and Resizeable BAR

MUX Supported

AI Chip

Lenovo LA1 AI Chip

Memory

Dual Channel 5600 MHz DDR5:
8GB (1 x 8GB)
16GB (2 x 8GB / 1 x 16GB)
32GB (2 x 16GB)²

Storage

PCIe® NVMe™ TLC M.2 2280 SSD (Gen4):
512GB / 1TB / 2TB (2 x 1TB)²
PCIe® NVMe™ QLC M.2 2280 SSD (Gen4):
512GB / 1TB

Battery

60Whr
Up to 6.5 hours (target)
Support Rapid Charge (60min charge 0-80%
capacity, 120min charge 0-100% capacity)

Power Adapter

135W Slim Adapter
170W Slim Adapter
230W Slim Adapter³
Support 140W Type-C™ Power Delivery

DESIGN

Display

15" WQHD (2560*1440) IPS; 16:9 (165Hz VRR
/ 5ms/3ms Response Time / 85% AAR /
100% sRGB / 350nit / NVIDIA® G-SYNC® /
AMD FreeSync™ Premium⁴)

15" FHD (1920*1080) IPS; 16:9 (144Hz VRR /
85% AAR / 45% NTSC / 350nit / NVIDIA®
G-SYNC® / AMD FreeSync™ Premium⁴)

15" FHD (1920*1080) IPS; 16:9 (60Hz / 85%
AAR / 45% NTSC / 300nit)

Dimensions (W x D x H) (Target)

(mm): 359.6 x 264.8 x 22.1 – 25.2mm
(inches): 14.16" x 10.43" x 0.87"–0.99"

Weight (Target)

Starting at <2.4kg / 5.29lbs⁵

Color

Storm Grey

Keyboard

1.5mm /White Backlight or optional 4-zone
RGB / 100% Anti-Ghosting

Webcam

Built-in Webcam (1080P / 720P) with
E-Shutter

CONNECTIVITY

WLAN

2 x 2 Wi-Fi 6 (802.11ax)

Bluetooth

Starting from Bluetooth® 5.1

Audio

2 x 2W speakers with Nahimic Audio

I/O (Input/Output) Ports

Left
1 X USB Type-C™ (10Gbps; DisplayPort™ 1.4,
140W Power Delivery)
1 X Audio Combo Jack

Right

1 X USB Type-A 2.0
1 X E-Shutter Button

Rear

1 X DC-In
1 X RJ45
2 X USB Type-A 3.2 Gen2 (10Gbps)
1 X HDMI™ 2.1

PRELOADED SOFTWARE

- Lenovo Vantage
- McAfee® LiveSafe™ (trial)
- Microsoft 365 (trial)
- Xbox Game Pass (3-month trial)
- Fn+R: 165Hz / 144Hz / 60Hz
- Fn+Q: Performance / Intelligent / Quiet Mode
- Q-Control: Custom Mode



LENOVO SERVICES

Lenovo Premium Care⁶

Whether you need setup advice, a quick fix for your internet connection, resolve a software issue, or help to add a printer, Lenovo Premium Care has your back.

Lenovo CO₂ Offset Service

Lenovo CO₂ Offset Service gives consumers a simple and transparent way to offset carbon emissions and help the environment by supporting one of several United Nations Climate Action projects.

Accidental Damage Protection

Drops, bumps, and spills can damage even the most durable and well-engineered tablets, PCs, and Smart Displays. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty and protects your devices from non-warranty operational or structural failures incurred under normal operating conditions.

Lenovo Smart Performance Services

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



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Boost your PC and internet performance, fix issues proactively, remove malware, and improve device security with Lenovo Smart Performance Services.

Lenovo Sealed Battery Warranty

Protect your sealed battery from degradation, enjoy hassle-free battery replacement service, and safeguard your PC from future battery failure.

¹ Maximum supported memory speed may vary and is contingent on the processor.
² Tech ready

³ NVIDIA® GeForce RTX™ 4060 / 4050 only

⁴ AMD FreeSync™/FreeSync Premium™/FreeSync Premium Pro™ technology requires AMD Radeon graphics and a display certified by AMD. See www.amd.com/freesync for complete details. Confirm capability with your system or display manufacturer before purchase. GD-127

⁵ Weights vary depending on configurations and manufacturing variability.

⁶ Available in NA, CAP, IN, JP only. Not available in EMEA, ANZ, and LAS.

* Example of Lenovo catalogue naming convention



Coming Soon



Coming Soon



Coming Soon

Lenovo LOQ 15APH8

Sub-brand

Screen size

Platform

Generation

AMD
RYZEN
7000 Series

Lenovo