

## 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)<sup>2</sup>

#### Storage

PCIe® NVMe™ TLC M.2 2280 SSD (Gen4):  
512GB / 1TB / 2TB (2 x 1TB)<sup>2</sup>  
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 Adapter<sup>3</sup>  
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™ Premium<sup>4</sup>)

15" FHD (1920\*1080) IPS; 16:9 (144Hz VRR /  
85% AAR / 45% NTSC / 350nit / NVIDIA®  
G-SYNC® / AMD FreeSync™ Premium<sup>4</sup>)

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 / 5.29lbs<sup>5</sup>

#### 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 Care<sup>6</sup>

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 CO<sub>2</sub> Offset Service

Lenovo CO<sub>2</sub> 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

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.

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

<sup>3</sup> NVIDIA® GeForce RTX™ 4060 / 4050 only

<sup>4</sup> AMD FreeSync/FreeSync Premium/FreeSync Premium Pro technology requires AMD Radeon graphics and a display certified by AMD. See [www.amd.com/freesync](http://www.amd.com/freesync) for complete details. Confirm capability with your system or display manufacturer before purchase. GD-127

<sup>5</sup> Weights vary depending on configurations and manufacturing variability.

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

\* Example of Lenovo catalogue naming convention

## OPTIONS & ACCESSORIES



Coming Soon



Coming Soon



Coming Soon



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Lenovo LOQ 15APH8  
Sub-brand Screen size Platform Generation

AMD  
RYZEN  
7000 Series

Lenovo