

Lenovo LOQ 16APH8

Lenovo
LOQ

Bend the Gaming Curve

Stay well ahead of the gaming curve with the Lenovo LOQ 16APH8, with cutting-edge AI performance tuning and state-of-the-art hardware and thermals. This cutting-edge gaming engine is powered by up to AMD Ryzen™ 7 7840H processor, NVIDIA® GeForce RTX™ 4060 Laptop GPU and up to 32GB 5600Mhz DDR5 RAM, performance-tuned by the Lenovo AI Engine+ and a dedicated MUX Switch with NVIDIA® Advanced Optimus to push your system beyond its set limits. The Lenovo LOQ 16APH8 boasts a thin side wall and higher-performing rear I/O. Shake the world of gaming while staying inconspicuous in public spaces with the cutting-edge thermal design. Dive into adrenaline-pumping action with the pro-grade 16" 16:10 WQXGA display with up to 165Hz variable refresh rate. Last but not least, bring to bear the full might of your typing abilities and conquer gaming, work and school with the legendary Lenovo gaming keyboard.

WHY YOU SHOULD BUY THE LENOVO LOQ 16APH8



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.



Experience AI-powered Gaming

See what you're capable of with Lenovo AI Engine+ and Lenovo LA1 AI Chip that pair with a dedicated MUX Switch with NVIDIA® Advanced Optimus for next-level gaming.



Game Softly and Impact Hard

Shake the gaming world while staying inconspicuous in public with the advanced thermals of four heat pipes, dual 85mm 12V high-speed fans, larger vents that keep noise levels down.



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SPECIFICATIONS

Lenovo LOQ 16APH8

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 Resizable BAR
MUX Supported

AI Chip

Lenovo LA1 AI Chip

Memory

Dual Channel 5600 MHz DDR5¹:
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 / 80Whr

Up to 9.3 hours (target)

60Whr: Support Super Rapid Charge (10min
charge 0-30% capacity, 30min charge 0-70%
capacity, 80min charge 0-100% capacity)

80Whr: Support Super Rapid Charge Pro
(10min charge 0-40% capacity, 30min
charge 0-80% capacity, 60min charge
0-100% capacity)

Power Adapter

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

DESIGN

Display

16" WQXGA (2560*1600) IPS; 16:10 (165Hz
VRR / 5ms/3ms Response Time / 90% AAR /
100% sRGB / 350nit / NVIDIA® G-SYNC® /
AMD FreeSync™ Premium⁴ / Hardware Low
Blue Light)

16" WUXGA (1920*1200) IPS; 16:10 (144Hz
VRR / 90% AAR / 45% NTSC / 350nit /
NVIDIA® G-SYNC® / AMD FreeSync™
Premium⁴)

Dimensions (W x D x H) (Target)

(mm): 359.60 x 277.59 x 21.00-25.9
(inches): 14.16" x 10.92" x 0.83"-1.02"

Weight (Target)

Starting at <2.60kg / 5.73lbs⁵

Color

Storm Grey

Keyboard

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

Webcam

Built-in FHD Webcam 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 Care⁴

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.

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

Lenovo Smart Performance Services

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.

OPTIONS & ACCESSORIES



Coming Soon



Coming Soon



Coming Soon

Example of Lenovo
catalogue naming
convention

Lenovo LOQ
Sub-brand

1 6 A P H 8
Screen size Platform Generation



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AMD
RYZEN
7000 Series

Lenovo