



HyperX OMEN 15 inch Gaming Laptop PC 15-gb0114AX (D9TV9PA)



Overview

Outshine Ordinary

The HyperX OMEN 15 delivers fast performance that pushes your gaming farther than ever. With NVIDIA® GeForce RTX™ 50 Series GPUs and AMD Ryzen™ AI CPUs [2], Unleashed Mode for manual overclocking, and with a single click on OMEN AI, you can maximize your FPS without the hassle.



Performance on your terms

Performance made to keep you playing with NVIDIA® GeForce RTX™ GPUs and the latest AMD Ryzen™ CPUs [2].



Faster moves for when it matters

React fast in the heat of the game on a bigger screen that pulls you into the action.



Never slow down

OMEN Tempest Cooling keeps you strong all day with dust-free internals and optimized airflow.



Your style in RGB Colors

Effortlessly personalize, tune, and optimize your laptop with OMEN Gaming Hub.

Features



Windows is fast, powerful, and secure

Windows 11 is fast, powerful, and secure, giving you a dependable foundation to work, create, and stay protected every day.^[1]



Game Changer

Powered by NVIDIA Blackwell, GeForce RTX™ 50 Series Laptop GPUs bring game-changing AI capabilities to gamers and creators.^[4]



Top Tier Performance for Serious Workloads

The AMD Ryzen 8000 HX series is built off AMD's "Zen 4" processor architecture to deliver the ultimate in performance and power efficiency for notebook users^[3]

Eyesafe® Certified Display

Eyesafe® certified displays meet TÜV low blue light requirements and Eyesafe® standards for protecting your eyes from harmful blue light without distorting colors to reduce eyestrain when working for long periods of time.^[5]

3ms response time

How fast your display's pixels respond is crucial for a smooth picture. With a 3-millisecond response time, your action-filled content will look crisp and fluid without motion blur.^[6]

Flicker-free

Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing.^[7]

[2] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

[1] Based on speedometer benchmark. Performance will vary significantly by device. See aka.ms/w11claims

[3] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed. Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

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[5] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. Eyesafe® Display for Low Blue Light is the Display Compliance Test Specification quality. See <https://eyesafe.com> for more details. Display measured diagonally

[6] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.

[7] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

Specifications

Operating system	Windows 11 Home Single Language
Product color	Iridescent black
Processor family	AMD Ryzen™ 7 processor
Processor	AMD Ryzen™ 7 8745HX (up to 5.1 GHz max boost clock, 32 MB L3 cache, 8 cores, 16 threads) ^[6,7]
Chipset	AMD integrated SoC
Memory	16 GB DDR5-5200 MT/s (1 x 16 GB)
Internal Storage	512 GB PCIe® Gen4 NVMe™ M.2 SSD
Product design	Polished finish, black chrome logo
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce RTX™ 5070 Laptop GPU (8 GB GDDR7 dedicated)
Display	38.9 cm (15.3") diagonal, 2.5K (2560 x 1600), up to 180 Hz, 3 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 500 nits, 100% sRGB
Display size (diagonal)	38.9 cm (15.3")
Audio	Dual speakers; HP Audio Boost; HyperX; DTS:X Ultra™
Dimensions (W x D x H)	Starting at 34.3 x 25.3 x 2.36 cm
Weight	Starting at 2.42 kg
Keyboard	Full-size, 4-zone RGB backlit, shadow black keyboard with numeric keypad and 26-Key Rollover Anti-Ghosting Key technology
Pointing device	HP Imagepad
Camera	1080p FHD camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones
Ports	2 USB Type-A 10Gbps signaling rate; 1 AC smart pin; 1 HDMI-out 2.1; 1 headphone/microphone combo; 1 RJ-45; 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery 3.1, DisplayPort™ 1.4, HP Sleep and Charge) ^[19,42]
Expansion slots	2 M.2 (SSD)
Package dimensions (W x D x H)	6.3 x 56.7 x 33 cm
Package weight	3.77 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.4 wireless card
Power supply type	280 W AC power adapter
Battery type	4-cell, 70 Wh Li-ion polymer (^[23])
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes ^[5]

Sustainability specifications	Keyboard keycaps, scissors and keyboard plate contain post-consumer recycled plastic
Security management	Trusted Platform Module (Firmware TPM) support
Cloud service	100 GB Dropbox storage for 3 months ^[1]
UPC number	821844723036
Manufacturer Warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
Support service included	HP 2 years 3 day Onsite Notebook Service. For terms and conditions, please visit https://h20195.www2.hp.com/v2/GetPDF.aspx/4AA3-8282EEAP & https://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-7123EETH.pdf

Additional specifications

Additional information about HP	https://www.hp.com
Aspect ratio	16:10
Battery capacity	70
Battery capacity uom	Wh
Battery cells number	4
Battery type	Li-ion polymer
Bluetooth version	Bluetooth® 5.4
Brightness	500 nits
Camera microphone	integrated dual array digital microphones
Camera resolution (vertical)	1080p
Camera resolution standard	FHD
Color	Iridescent black
Color gamut	100% sRGB
Display	38.9 cm (15.3") diagonal 2.5K display
Display bezel	Micro-edge
Display brightness	500
Display brightness uom	nits
Display panel technology	IPS
Display refresh rate	180
Display refresh rate uom	Hz
Display resolution (pixels)	2560 x 1600
Display resolution standard	2.5K
Display response time	3
Display response time uom	ms
Display size (diagonal) uom	"
Display size (diagonal, imperial)	15.3
Display size (diagonal, metric)	38.9
Display size (diagonal, metric) uom	cm
Display surface treatment	Anti-glare
ECC memory	non-ECC
Ethernet (RJ-45)	1
Flicker-free	Yes ^[53]

Graphics card brand	NVIDIA®
Graphics card family	GeForce
Graphics card memory size	8
Graphics card memory size uom	GB
Graphics card memory type	GDDR7
HDMI out – version	2.1
HDMI –out	1
Headphone/microphone combo	1
Keyboard backlight	RGB backlit
Keyboard backlit zone	4-zone
Keyboard color	Shadow black
Keyboard keypad	Numeric keypad
Keyboard size	Full-size
Keyboard technology	26-Key Rollover Anti-Ghosting Key technology
Memory and storage	16 GB memory;512 GB SSD storage
Memory layout (slots & size)	1 x 16 GB
Memory module type	SODIMM
Memory size	16
Memory size uom	GB
Memory speed	5200
Memory speed uom	MT/s
Memory type	DDR5
Model Number	RTX™ 5070
Number of User-accessible Memory Slots	2
Number of memory slots	1
Package depth, imperial (most common size)	22.32
Package depth, metric (most common size)	56.7
Package height, imperial (most common size)	12.99
Package height, metric (most common size)	33
Package width, imperial (most common size)	2.48
Package width, metric (most common size)	6.3

Packaging unit of measure (imperial)	in
Packaging unit of measure (metric)	cm
Playbook TS icon OS	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon battery life	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png
Playbook TS icon connectivity	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png
Playbook TS icon display NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	AMD
Processor cache	32 MB L3
Processor core	8
Processor family	Ryzen™ 7
Processor maximum frequency	5.1
Processor maximum frequency uom	GHz
Processor model	8745HX
Processor threads	16
Product brand name	HP
Product long name specifications	HyperX OMEN 15 inch Gaming Laptop PC 15-gb0114AX, Windows 11 Home Single Language, 15.3", AMD Ryzen™ 7, 16GB RAM, 512GB SSD, NVIDIA® GeForce RTX™ 5070, 2.5K, Iridescent black
Product long name specifications V2	HyperX OMEN 15 inch Gaming Laptop PC 15, Windows 11 Home Single Language, 15.3", AMD Ryzen™ 7, 16GB RAM, 512GB SSD, NVIDIA® GeForce RTX™ 5070, 2.5K, Iridescent black
Product short name specifications	HyperX OMEN 15 inch Gaming Laptop PC 15-gb0114AX, 15.3", AMD Ryzen™ 7, 16GB RAM, 512GB SSD
Screen-to-body ratio (without speakers)	91% ^[18]
Storage capacity	512
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe® Gen 4

Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
Touchscreen	No
UNSPSC code	43211503
USB Type-A	2
USB Type-C	1
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Realtek

[1] 100 GB of free Dropbox storage for 3 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.

[5] Recharges your battery up to 50% within 30 minutes when the system is off using “shut down” command, using HP adapter provided with the notebook or recommended power adapter disclosed in specifications (see <http://store.hp.com>). After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products.

[6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[18] Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.

[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

[42] For optimal performance and battery chargeability while gaming and rendering, use the power adapter that ships with the PC. You can use the 100W/20V Type-C adapter or power bank when running light loading tasks. System-off charging is only supported on 20V Type-C adapter or power bank.

[53] The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights or LED emissions. OLED panel is functional with DC-DIMMING when above 100nits.

Services

HP Care Pack Services

★ : Recommended

Personal Systems Consumer Care Pack Services

HP 3 year Next Business Day Onsite 2 year warranty Notebook Service	U0VR7E ★
HP 2 years Accidental Damage Protection with 3 day Onsite HW Support forNB with 2 years Warranty	UN084E ★
HP 1 Year Post Warranty Pickup and Return for Envy, OmniBook 7, OmniBook X Notebook	UN089PE
HP 1 year Post Warranty Next Business Day Onsite Notebook Service	UN082PE
HP 1 year Post Warranty Return to Depot Notebook Service	UM993PE
HP 2 year Pickup and Return Hardware Support w/Accidental DamageProtection for 2-year wty Notebook	U02F5E
HP 2 year Return to Depot Hardware Support w/Accidental DamageProtection for 2-year wty Notebook	U02F3E
HP 3 year 3 day Onsite 2 year warranty Notebook Service	U0VS0E
HP 3 year Next Business Day Onsite with Accidental Damage Protection 2 year wty Notebook Service	UN9G9E
HP 3 years Return to Depot Hardware Support for Notebooks with 2 yearsWarranty	UM933E

Accessories for PC

Port Replicators/Dongles/Docking

★ : Recommended

Docking

HP USB-C 100W G6 Dock	BS7S5AA
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HyperX Gaming Peripherals

HyperX Gaming Headsets

★ : Recommended

HyperX Cloud Alpha Headsets SC

HyperX Cloud Alpha Air Open-Back Gaming Headset	D14ZCAA
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HyperX Cloud Stinger Headsets SC

HyperX Cloud Stinger 3 Gaming Headset	BS1T5AA
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HyperX Earbuds

HyperX Cloud Earbuds SC

HyperX Cloud Earbuds III S Black	BN7S1AA
HyperX Cloud Earbuds III S Red	BN7S2AA

HyperX Gaming Controllers

HyperX Clutch Controllers SC

HyperX Clutch Tachi - Xbox	B11D9AA
HyperX Clutch Talon- Wireless Gaming Controller - Xbox	B11DBAA

HyperX Gaming Keyboards

HyperX Eve Keyboards SC

HyperX Eve 1800 - Gaming Keyboard	B7JE0AA
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HyperX Origins 2 Keyboards SC

HyperX Origins 2 Pro 65	BN7S3AA
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HyperX Microphones

HyperX SoloCast Microphones SC

HyperX SoloCast 2 Pro Gaming USB Condenser Microphone	C96GRAA
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Monitors

HP Home Monitors

★ : Recommended

OMEN by HP Displays

HyperX OMEN 23.8 inch FHD 144Hz Gaming Monitor - OMEN 24e	D5KB2AA	
HyperX OMEN 23.8 inch FHD 180Hz Gaming Monitor - OMEN 24 G2	C2JP4AA	
HyperX OMEN 23.8 inch FHD 240Hz Gaming Monitor - OMEN 24 G3	DL2G0AA	
HyperX OMEN 27 inch FHD 144Hz Gaming Monitor - OMEN 27e	D5KB3AA	
HyperX OMEN 27 inch FHD 240Hz Gaming Monitor - OMEN 27 G3	DL2G1AA	
HyperX OMEN 27 inch QHD 240Hz Gaming Monitor - OMEN 27q G3	DL2G2AA	
HyperX OMEN 27 inch QHD 320Hz Gaming Monitor - OMEN 27qs G3	DL2G3AA	
HyperX OMEN 31.5 inch QHD 200Hz Gaming Monitor - OMEN 32q G3	DL2G5AA	
HyperX OMEN 34 inch WQHD 200Hz Curved Gaming Monitor - OMEN 34c G3	DL2G6AA	
HyperX OMEN OLED 27 inch QHD 240Hz Gaming Monitor - OMEN OLED 27q	CH0R2AA	
HyperX OMEN OLED 27 inch QHD 500Hz Gaming Monitor - OMEN OLED 27qs	BY8Z1AA	
HyperX OMEN OLED 34 inch WQHD 360Hz Gaming Monitor - OMEN OLED 34	C49PPAA	
OMEN 24.5inch FHD 360Hz Gaming Monitor - OMEN 25	BG1M4AA	
OMEN 27 inch FHD 180Hz Gaming Monitor - OMEN 27 G2	AV4K2AA	
OMEN 27 inch QHD 180Hz Gaming Monitor - OMEN 27q G2	AV4H7AA	
OMEN 27 inch QHD 280Hz Gaming Monitor - OMEN 27qs G2	AW3V1AA	
OMEN 34 inch WQHD 180Hz Curved Gaming Monitor - OMEN 34c G2	AV4E7AA	
OMEN Transcend 31.5 inch UHD 240Hz OLED Gaming Monitor - OMEN Transcend 32	9R181AA	
OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24	780F0AA	obsolete
OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k	780G9AA	
OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c	780K7AA	
OMEN by HP 31.5 inch QHD 165Hz Gaming Monitor - OMEN 32q	780K1AA	obsolete
OMEN by HP 31.5 inch UHD 144Hz Smart Gaming Monitor - OMEN 32x	99Z69AA	

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