

OMEN X 25 240Hz Gaming Display with Nvidia G-SYNC



Strike first. Take first.

Are you ready for true competition? The OMEN X 25 240Hz Gaming Display with Nvidia G-SYNC was designed specifically for esports, with specs that give you an almost unfair advantage. A lightning-fast 240Hz refresh rate¹ and a 1ms response time¹ mean your grind to the top just got a whole lot easier.



When you're fast, you're first

Critical moments call for critical details. With a whopping 240Hz refresh rate¹, this 62.23 cm (24.5") diagonal display is 4x faster than traditional 60Hz monitors. And a 1ms response time¹ lets you respond to on-screen action before your opponent knows what hit them.

Stutter no more

Display stutter and input lag hold nothing over you. NVIDIA® G-SYNC™ technology synchronizes the display refresh rates to the graphics card in your GeForce GTX-powered PC, to deliver fluid, sharp gameplay.

Designed for action

Comfort is optimized with an adjustable display that adapts to your ideal height and angle, plus ambient lighting that reduces eye strain. And with its micro-edge bezel, everything on-screen feels expansive and immersive.

¹ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

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Featuring

NVIDIA® G-SYNC

By synchronizing the refresh rates of your GPU and display, NVIDIA G-SYNC™ technology delivers gameplay that's sharp, fluid, and stutter-free with minimal input lag.

1ms response time with Overdrive

How fast your pixels can react to changing frames is critical for fast-paced gaming, and a 1ms response time ensures even the most action-packed moments are fluid, crisp, and free of motion blur.

Height adjustment stand

Gas piston design allows -5 to +23° tilt and 130mm of smooth, precise height adjustment so your display is always in the most comfortable position, no matter who is viewing it.

Ambient lighting

Say goodbye to late-night eye fatigue. Adjustable to match the color of your PC or what's on screen, ambient lighting casts a glow onto the base and stand diffusing the bright light of the display.

Micro-edge display

With virtually no bezel encircling the display, an ultra-wide viewing experience provides for seamless multi-monitor set-ups.

Visibly brilliant detail

With 400 nits of brightness, view beautiful details, enhanced image quality, and distinct shades of color—even in bright lighting conditions.

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Display size	62.23 cm (24.5")
Aspect ratio	16:9 ¹
Display type	TN with LED backlight
Pixel pitch	0.283 mm
Response time	3 ms on/off; 1 ms (with overdrive) ¹
Brightness	400 cd/m ² ¹
Contrast ratio	1000:1 static ¹
Viewing angle	160° vertical; 170° horizontal
Product color	Black
Resolution	FHD (1920 x 1080 @ 240 Hz) ⁴
Resolution note (native with speed)	The video card of the connected PC must be capable of supporting 1920 x 1080 at 60 Hz and include 1 DisplayPort™ or 1 HDMI output to drive the monitor at the preferred resolution.
Resolutions supported	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 800; 1600 x 900; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 480; 800 x 600
Display scan frequency (vertical)	Up to 240 Hz
Display features	Anti-glare; Language selection; NVIDIA G-SYNC™; On-screen controls; Plug and Play; User controls; User programmable
Display Input Type	1 DisplayPort™ 1.2 (with HDCP support); 1 HDMI 1.4 (with HDCP support)
Physical security features	Security lock-ready ³
Display moving angle	Tilt: -5 to +23°
Environmental specifications	Arsenic-free display glass; Low halogen; Mercury-free display backlights ²
Energy efficiency	Energy efficiency class: A; On-mode power consumption: 24 W; Annual energy consumption: 35 kWh; Standby: 0.39 W; Power consumption (on-mode): 24 W; Power consumption (off-mode): 0.29 W
Display User Control Options	Color control; Exit; Gaming; Image control; Information; Input control; Management; Menu; Power
External I/O ports	1 analog and digital audio-out; 2 USB 3.0
Product dimensions	55.75 x 33.06 x 9.87 cm 55.75 x 27.25 x 48.96 cm With stand
Weight	6.26 kg
Certifications and compliances	Australian-New Zealand MEPS; BSMI; CB; CCC; CE; CECP; CSA; EAC; FCC; ICES; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TUV-S; UL; VCCI; Vietnam MEPS; WEEE; ISC; Low blue light
Power supply	Input voltage 100 to 240 VAC
Warranty	2 year parts and labour limited warranty.
What's in the box	AC power cord; DisplayPort™ cable; USB Type-A to B cable
VESA mount	VESA mount compatible
Country of origin	Made in China
Product number	4NK94AA
Ordering info	4NK94AA#ABB: 192545806480; 4NK94AA#A2N: 192545806565; 4NK94AA#ABT: 192545806527; 4NK94AA#ABU: 192545806497; 4NK94AA#ABV: 192545806541; 4NK94AA#ABY: 192545806510; 4NK94AA#ACQ: 192545806534; 4NK94AA#UUG: 192545806558; 4NK94AA#UUZ: 192545806503

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² External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
³ Lock is sold separately.
⁴ Can reach 240Hz only when the display is connected with DisplayPort and with overclocking hardware.

