

OMEN X 25 240Hz Gaming Display with Nvidia G-SYNC (4NK94AA)



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 rate[1] and a 1ms response time[1] mean your grind to the top just got a whole lot easier.



When you're fast, you're first

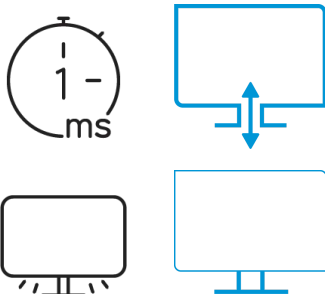
Critical moments call for critical details. With a whopping 240Hz refresh rate[1], this 62.23 cm (24.5") diagonal display is 4x faster than traditional 60Hz monitors. And a 1ms response time[1] lets you respond to on-screen action before your opponent knows what hit them.

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.



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. [2]

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.

Specifications

Display size (diagonal)	62.23 cm (24.5")
Panel technology	TN with LED backlight
Display size (diagonal)	62.23 cm (24.5")
Aspect ratio	16:9 ^[1]
Native resolution	FHD (1920 x 1080 @ 240 Hz) ^[4] (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
Pixel pitch	0.283 mm
Brightness	400 nits ^[1]
Contrast ratio	1000:1 static ^[1]
Response time (typical)	3 ms on/off; 1 ms (with overdrive) ^[1]
Dimensions (W x D x H)	55.75 x 33.06 x 9.87 cm (Without stand.)
Dimensions With Stand (W x D x H)	55.75 x 27.25 x 48.96 cm
Weight	6.26 kg (With stand.)
Display features	Anti-glare; Language selection; NVIDIA G-SYNC™; On-screen controls; Plug and Play; User controls; User programmable
Onscreen controls	Color control; Exit; Gaming; Image control; Information; Input control; Management; Menu; Power
Display scan frequency (horizontal)	30-279 KHz
Display scan frequency (vertical)	48-240 Hz
Ports	1 analog and digital audio-out; 2 USB 3.0
Camera	No integrated camera
Power	Input voltage 100 to 240 VAC
Power consumption	65 W (maximum), 35 W (typical), 0.5 W (standby) (Energy consumption 35 kWh per year, based on the power consumption of the unit operating 4 hours per day for 365 days. The actual energy consumption will depend on how the unit is used.)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing
Sustainable impact specifications	Arsenic-free display glass; Low halogen; Mercury-free display backlights
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
Physical security	Security lock-ready ^[3]
UPC number	(A2N) 192545806565; (ABB) 192545806480; (ABT) 192545806527; (ABU) 192545806497; (ABV) 192545806541; (ACQ) 192545806534; (UUZ) 192545806503
Manufacturer Warranty	1 year parts and labour limited warranty.
What's in the box	AC power cord; DisplayPort™ cable; USB Type-A to B cable

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

[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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Technical Specifications Footnotes

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[3] Lock is sold separately.

[4] Can reach 240Hz only when the display is connected with DisplayPort and with overclocking hardware.

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