



# OMEN X 25 240Hz Gaming Display (4NK94AA)



## Overview

### Strike first. Take first.

Are you ready for true competition? The OMEN X by HP 25 Display 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.

240Hz

### When you're fast, you're first

Critical moments call for critical details. With a whopping 240Hz refresh rate[1], this 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.



### 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.

### 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.

# Features

## 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.



## Height adjustment stand

Gas piston design allows 130mm of smooth, precise height adjustment so your display is always in the most comfortable position, no matter who is viewing it.



## Micro-edge display

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



## 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.<sup>[2]</sup>



## 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.

## Visibly brilliant detail

With 400 nits of brightness, view beautiful details, enhanced image quality, and distinct shades of color—even in bright lighting conditions.<sup>[2]</sup>

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*[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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## Specifications

<b>Display size (diagonal)</b>	24.5"
<b>Display type</b>	TN with LED backlight
<b>Aspect ratio</b>	16:9 <sup>[1]</sup>
<b>Resolution (native)</b>	FHD (1920 x 1080 @ 60 Hz) <i>(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.)</i>
<b>Resolutions supported</b>	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
<b>Pixel pitch</b>	0.283 mm
<b>Brightness</b>	400 cd/m <sup>2</sup> <sup>[1]</sup>
<b>Contrast ratio</b>	1000:1 static <sup>[1]</sup>
<b>View angle</b>	160° vertical; 170° horizontal
<b>Response time</b>	3 ms on/off; 1 ms (with overdrive) <sup>[1]</sup>
<b>Minimum dimensions (W x D x H)</b>	55.75 x 33.06 x 9.87 cm
<b>Minimum dimensions (W x D x H)</b>	21.95 x 13.02 x 3.89 in
<b>Dimensions With Stand (W x D x H)</b>	55.75 x 27.25 x 48.96 cm
<b>Weight</b>	6.26 kg <i>(With stand.)</i>
<b>Weight</b>	13.80 lb <i>(With stand.)</i>
<b>Display features</b>	Anti-glare; Language selection; NVIDIA G-SYNC™; On-screen controls; Plug and Play; User controls; User programmable
<b>Display Input Type</b>	1 DisplayPort™ 1.2 (with HDCP support); 1 HDMI 1.4 (with HDCP support)
<b>Onscreen controls</b>	Color control; Exit; Gaming; Image control; Information; Input control; Management; Menu; Power
<b>Display scan frequency (vertical)</b>	Up to 240 Hz
<b>Tilt and swivel angle</b>	Tilt: -5 to +23°
<b>Ports</b>	3 USB 3.0 (1 upstream, 2 downstream, power delivery up to 4.5 W)
<b>Power</b>	Input voltage 100 to 240 VAC
<b>Power consumption</b>	65 W (maximum), 35 W (typical), 0.5 W (standby)
<b>Environmental</b>	Arsenic-free display glass; Low halogen; Mercury-free display backlights
<b>Certifications and compliances</b>	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
<b>Physical security</b>	Security lock-ready <sup>[3]</sup>
<b>What's in the box</b>	AC power cord; DisplayPort™ cable; USB cable <sup>[4]</sup>

## Additional specifications

<b>Country of origin</b>	Made in China
<b>Display area (imperial)</b>	21.4 x 11.91 in
<b>Display area (metric)</b>	54.37 x 30.26 cm
<b>Display height</b>	300 mm
<b>Product brand name</b>	HP
<b>Product dimensions with stand (W x D x H)</b>	21.95 x 10.73 x 19.28 in
<b>Product long name specifications</b>	OMEN X 25 240Hz Gaming Display; FHD (1920 x 1080)
<b>VESA mount</b>	VESA mount compatible

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*[3] Lock is sold separately.*

*[4] DisplayPort™ cable: Not in APJ - except Australia/New Zealand.*

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## Accessories

### Apparel

#### Tops

OMEN by HP Mask Long Sleeve Tee	5RW38AA
OMEN by HP Dynamo Short Sleeve Tee	5RW23AA
OMEN by HP Quadrant Short Sleeve Tee	5RW80AA
OMEN by HP Ascendant Full Zip Hoodie	5RV85AA
OMEN by HP Ascendant Full Zip Hoodie	5RV96AA
OMEN by HP Courier Short Sleeve Tee	5RW05AA
OMEN by HP Voodoo Pullover Hoodie	5RW97AA
OMEN by HP Offset Short Sleeve Tee	5RW67AA
OMEN by HP Voodoo Pullover Hoodie	5RX08AA
OMEN by HP Meridian Long Sleeve Tee	5RW52AA

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