OMEN X 25f 240Hz Gaming Display with Adaptive Sync

Strike first. Take first.

Are you ready for true competition? The OMEN X 25f 240Hz Gaming Display with Adaptive 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
Adaptive Sync technology eliminates troublesome symptoms by creating a direct link between the graphics card and the display—removing the fear of tearing and blurring that would impact your game. This allows the display to work with AMD FreeSync™ and is an NVIDIA® G-SYNC™ compatible display.

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

AMD® FreeSync™ technology
See and feel the difference of fluid, responsive gameplay. By synchronizing the refresh rate with your GPU, AMD® FreeSync™* makes display stutter, input lag, and screen tears ancient history.

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.

Outshine the competition
Customize the picture mode, RGB lighting, FPS counter and response time using OMEN Command Center software.

NVIDIA® G-SYNC™ compatible
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.

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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 [4]
Response time	3 ms on/off; 1 ms (with overdrive)
Brightness	400 cd/m² [1]
Contrast ratio	1000:1 static; 12000000:1 dynamic [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; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 480; 800 x 600
Display scan frequency (horizontal)	Up to 255 kHz
Display scan frequency (vertical)	Up to 240 Hz
Display features	Anti-glare; On-screen controls; Plug and Play; User programmable; AMD FreeSync™; NVIDIA G-SYNC™
Display Input Type	1 DisplayPort™ 1.2 in (with HDCP support); 2 HDMI 2.0 (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
Energy efficiency	Energy efficiency class: A; On-mode power consumption: 21 W; Annual energy consumption: 30 kWh; Standby: 0.34 W; Power consumption (on-mode): 21 W; Power consumption (off-mode): 0.22 W
Display User Control Options	Back; Color control; Down; Exit; Gaming; Image control; Information; Input control; Management; Menu; Minus; OK; Plus; Power
External I/O ports	1 analog and digital audio-out; 2 USB 3.0
Product dimensions	55.75 x 9.87 x 33.06 cm Without stand. 55.75 x 27.25 x 48.96 cm With stand
Weight	6.16 kg
Operating temperature range	5 to 35°C
Operating temperature range	41 to 95°F
Operating humidity range	20 to 80% RH
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	1 year parts and labour limited warranty.
What's in the box	AC power cord; DisplayPort™ cable; USB cable; USB Type-A to B cable
VESA mount	VESA mount compatible (mounting plate ships in the box)
Country of origin	Made in China
Product number	4WH47AA
Ordering info	4WH47AA#A2N: 193015261891 ; 4WH47AA#ABB: 193015261815 ; 4WH47AA#ABT: 193015261853 ; 4WH47AA#ABU: 193015261822 ; 4WH47AA#ACQ: 193015261860 ; 4WH47AA#UUG: 193015261884 ; 4WH47AA#UUZ: 193015261839

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