



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.



When you're fast, you're first

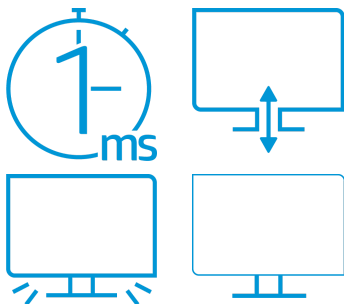
Critical moments call for critical details. With a whopping 240Hz refresh rate[1], this 24.5" diagonal display is 4x faster than traditional 60Hz monitors. And a 1ms response time[1] lets you respond to on-screen action before your opponent knows what hit them.

Stutter no more

Display stutter and input lag hold nothing over you. AMD® FreeSync™ technology synchronizes the display refresh rates to the graphics card in your PC, to deliver fluid, artifact-free gameplay at virtually any framerate.

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

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. [2]

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. [3]

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.

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)	24.5"
Panel technology	TN with LED backlight
Aspect ratio	16:9 ^[1]
Native resolution	FHD (1920 x 1080) <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>
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
Pixel pitch	0.283 mm
Brightness	400 cd/m ² ^[1]
Contrast ratio	1000:1 static; 12000000:1 dynamic ^[1]
Response time (typical)	3 ms on/off; 1 ms (with overdrive)
Minimum dimensions (W x D x H)	55.75 x 33.06 x 9.87 cm
Minimum dimensions (W x D x H)	21.95 x 13.02 x 3.89 in
Dimensions With Stand (W x D x H)	55.75 x 27.25 x 48.96 cm
Weight	6.16 kg <i>(With stand.)</i>
Weight	13.80 lb <i>(With stand.)</i>
Display features	Anti-glare; On-screen controls; Plug and Play; User controls; User programmable
Display Input Type	1 DisplayPort™ 1.2 in (with HDCP support); 2 HDMI 2.0 (with HDCP support)
Onscreen controls	Back; Color control; Down; Exit; Gaming; Image control; Information; Input control; Management; Menu; Minus; OK; Plus; Power
Display scan frequency (horizontal)	Up to 255 kHz
Display scan frequency (vertical)	Up to 240 Hz
Ports	3 USB 3.0 (1 upstream, 2 downstream, power delivery up to 4.5 W)
Power	Input voltage 100 to 240 VAC
Power consumption	65 W (maximum), 30 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% RH
Environmental	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) 193015261891; (AB1) 193015261808; (ABA) 193015261778; (ABB) 193015261815; (ABG) 193015261785; (ABT) 193015261853; (ABU) 193015261822; (ABV) 193015261877; (ABY) 193015261846; (ACQ) 193015261860; (UUF) 193015261792; (UUG) 193015261884; (UUZ) 193015261839
What's in the box	AC power cord; DisplayPort™ cable; USB 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.

[2] FreeSync™ is only available when it is connected on DisplayPort or HDMI. FreeSync is an AMD® technology is enabled on FHD or QHD displays and is designed to eliminate stuttering and/or tearing in games and videos by locking a display's refresh rate to the frame rate of the graphics card. AMD Radeon Graphics and/or AMD A-Series APU-compliant monitors with DisplayPort/HDMI Adaptive-Sync required. AMD 15.11 Crimson driver (or newer) required to support FreeSync over HDMI. Adaptive refresh rates vary by monitor. More information is available at www.amd.com/freesync.

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

Technical Specifications Footnotes

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

[3] Lock is sold separately.

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