

# OMEN X by HP 35 Curved Display



## MASSIVE. CURVED. GAME-CHANGER.

Immersive is an understatement—this curved 35-inch diagonal display surrounds your field of vision, while letting gamers experience the full potential of their rig.

## Product overview

- **Get lost in the game:** See what your graphics card is really made of on this curved 35-inch diagonal Ultra WQHD 21:9 display.<sup>(1)</sup> With 34% more screen real estate than a 16:9 QHD display and high-caliber contrast ratio, nothing escapes your vision.<sup>(2)</sup>
- **Maximum agility:** Never let a display disrupt your winning streak again. Enjoy smooth, stutter-free visuals that respond as fast as you do thanks to a 100Hz refresh rate<sup>(2)</sup> and NVIDIA® G-SYNC™ technology, which seamlessly links your graphics card and display.
- **Never stop gaming:** A height adjustable display with ambient lighting delivers maximum comfort so you can outlast every opponent.

## Product features

- **100Hz refresh rate:** Enjoy smooth gameplay with a 100Hz refresh rate that gives you clear details and minimal interruption.<sup>(2)</sup>
- **NVIDIA® G-SYNC™:** This technology synchronizes GPU and display refresh rates for sharp, stutter-free gameplay.
- **4ms response time with overdrive:** Eliminates motion blur for crisp, fluid gameplay no matter what's happening on-screen.<sup>(2)</sup>
- **Ultra WQHD high resolution display:** Be surrounded by 5 million pixels of captivating definition, for completely immersive entertainment.<sup>(1)</sup>
- **1,800R curved display:** A deeper curve delivers an incredibly realistic experience and more expansive field of view.
- **Micro-edge design:** With virtually no bezel encircling the display, an ultra-wide viewing experience provides for seamless multi-monitor set-ups.
- **2,500:1 contrast ratio:** Enjoy truer blacks that add more depth to shadows and dimly lit scenes.<sup>(2)</sup>
- **Height adjustment stand:** Easily adjust your display to the most comfortable position with 130 mm range of travel.
- **Ambient lighting:** Customize the lighting color to match the system lighting on your PC, keyboard, and mouse.
- **Built-in headphone hook:** When you're done gaming with your friends, store your headset in a safe place.
- **Extensive port connectivity:** HDMI, DisplayPort™ and a USB 3.0 hub deliver advanced connectivity for the latest hardware and accessories.

## Key specifications

- **Display size:** 35.03-inch (diagonal)
- **Aspect ratio:** 21:9
- **Contrast ratio:**  
Static: 2500:1  
Dynamic: 10M:1<sup>(5)</sup>
- **Resolution:** UWQHD (3440 × 1440)
- **Connectivity:**  
1 × DisplayPort™ 1.2  
1 × HDMI 1.4  
3 × USB 3.0 ports
- **Exterior color:** Licorice black

## Environmentally conscious

- Energy efficient components such as mercury-free display backlighting, low halogen design, arsenic-free display glass, and recyclable packaging.

## Warranty and support

- **Peace of mind coverage:** Rest easy and work confidently with an HP standard 1 year limited warranty. Certain restrictions and exclusions apply.<sup>(4)</sup>

## Monitor Specifications

<b>Panel type</b>	• AMVA+ w/LED backlight
<b>Panel active area</b>	• 819.408 mm x 345.888 mm
<b>Display size</b>	• 35.03-inch (diagonal)
<b>Viewing angle</b>	• Horizontal: 178° • Vertical: 178°
<b>Scan range</b>	• Horizontal: DP: 73-151KHz; HDMI: 30-140 KHz • Vertical: DP: 30-100Hz; HDMI: 24-60Hz
<b>Surface treatment:</b>	• Anti-Glare
<b>Resolution (recommended)</b>	• DP Opt. 3440 × 1440 (60 Hz) • HDMI Opt. 3440 × 1440 (50 Hz)
<b>Aspect ratio</b>	• 21:9
<b>Contrast ratio</b>	• Static: 2500:1 • Dynamic: 10M:1 <sup>(5)</sup>
<b>Brightness (typical)</b>	• 300 nits
<b>Color gamut</b>	• sRGB 100%
<b>Color support</b>	• Up to 16.7 million colors with the use of FRC technology
<b>Pixel pitch</b>	• 0.2382 mm x 0.242 mm • 106 PPI
<b>Response time</b>	• 4ms GtG
<b>Connectivity</b>	• 1 x DisplayPort 1.2 • 1 x HDMI 1.4
<b>Audio</b>	• 1 x Audio output • 1 x headphone jack
<b>USB</b>	• 3 x USB 3.0 (3 downstream and 1 upstream)
<b>Power supply</b>	• External
<b>Maximum power consumption</b>	• 120W
<b>Energy saving/standby mode</b>	• 0.5W
<b>Tilt</b>	• -5 to +23 degrees
<b>Height adjustable stand</b>	• Range 130 mm
<b>Base area footprint</b>	• 12 in x 12 in
<b>Detachable stand</b>	• Yes
<b>VESA mounting</b>	• VESA mount bracket included
<b>Security lock ready</b>	• Yes
<b>Unpackaged dimensions</b>	• 32.80 in (W) x 12.95 in (D) x 16.14 in (H)
<b>Unpackaged weight</b>	• 26.55 lb
<b>Packaged dimensions</b>	• 39.61 in (W) x 21.46 in (D) x 16.22 in (H)
<b>Packaged weight</b>	• 44.48 lb
<b>Certifications</b>	• Microsoft WHQL Certification: Windows 7, 8, 10 • CE, CB, KC/MSIP/PSB/cTUVus Mexico • COC/ICES/TUV-GS/TUV-S/ISO 9241-307/ • EAC/cTUVus/CCC/CEL/CECP/SEPA/ISC/VCCI/FCC/ • BSMI/WEEE

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<sup>(1)</sup> Ultra Wide QHD (Quad High Definition) content required to view UWQHD images. <sup>(2)</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. <sup>(3)</sup> Plastic parts incorporated into the chassis generally contain < 1000 ppm (0.1%) of bromine or chlorine. Printed circuit board and substrate laminates generally contain < 1500 ppm (0.15%) of total bromine and chlorine. Service parts after purchase may not be BFR/PVC-free. External accessories, including power supplies, power cords, and peripherals are not BFR/PVC-free. Arsenic and its compounds were not detected using U.S. EPA test methods 3052/6010b by ICP-AES with a Method Detection Limit of 10 ppm. Low-halogen except for adapter and cord. <sup>(4)</sup> Standard parts-and-labor hardware 1-year warranty. See [www.HP.com/go/support](http://www.HP.com/go/support) for details. <sup>(5)</sup> Dynamic Contrast Ratios during video playback only, depending on series of frames or time duration.

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<b>On screen display</b>	• Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Volume, Information, Exit • Monitor Control Buttons: Menu, Minus ("-"), Plus ("+") /Input Control, OK/Auto, Power • Volume control
<b>Languages</b>	• 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)

## Environmental Features

<b>LED Backlights</b>	• Mercury-free LED backlighting
<b>Backlight Lamp Life</b>	• 30K hours
<b>Arsenic-Free</b>	• Arsenic-free display glass <sup>(3)</sup>
<b>Low Halogen</b>	• Low-voltage halogen design <sup>(3)</sup>

## Accessories & Warranty

<b>Supplied Accessories</b>	• AC power cord (1.9m) 6.2 ft • HDMI 2.0 cable (1.8m) 5.9 ft • USB 3.0 type A to B cable (1.8m) 5.9 ft • DP Cable (1.8m) 5.9 ft • External power adapter 180w • CD (includes user guide, warranty, drivers)
<b>Limited Warranty</b>	• Protected by a one-year HP limited warranty. Certain restrictions and exclusions apply. <sup>(4)</sup>

## Additional Information

<b>Product Number</b>	• X3W57AA#ABA
<b>Ad Embargo Date</b>	• 3/12/17
<b>UPC Code</b>	• 889899871560
<b>Country of Origin</b>	• China
<b>Tariff Number</b>	• 8528510000
<b>Pallet Information</b>	• <b>Dimensions:</b> 49.2 in (L) x 40. in (W) x 70.1 in (H) • <b>Total weight:</b> 444.39 lbs • <b>Layers:</b> 3 • <b>Products per layer:</b> 3 • <b>Total products per pallet:</b> 9

