

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 UWQHD 21:9 display.⁽¹⁾ With 34% more screen real estate than a 16:9 QHD display and high-caliber contrast ratio, nothing escapes your vision.⁽²⁾
- **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⁽²⁾ 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

- **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.
- **100Hz refresh rate:** Enjoy smooth gameplay with a 100Hz refresh rate that gives you clear details and minimal interruption.⁽²⁾
- **2,500:1 contrast ratio:** Enjoy truer blacks that add more depth to shadows and dimly lit scenes.⁽²⁾
- **Height adjustment stand:** Easily adjust your display to the most comfortable position with 130 mm range of travel.
- **4ms response time with overdrive:** Eliminates motion blur for crisp, fluid gameplay no matter what's happening on-screen.⁽²⁾
- **NVIDIA® G-SYNC:** This technology synchronizes GPU and display refresh rates for sharp, stutter-free gameplay.
- **Ultra WQHD Curved Display:** Be surrounded by 5 million pixels of captivating definition, for completely immersive entertainment.⁽¹⁾
- **1,800R curved display:** A deeper curve delivers an incredibly realistic experience and more expansive field of view.
- **Micro-edge display:** With virtually no bezel encircling the display, an ultra-wide viewing experience provides for seamless multi-monitor set-ups.
- **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⁽⁵⁾
- **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.⁽⁴⁾

Monitor Specifications

Panel type	• AMVA+ w/LED backlight
Panel active area	• 819.408 mm x 345.888 mm
Display size	• 35.03-inch (diagonal)
Viewing angle	• Horizontal: 178° • Vertical: 178°
Scan range	• Horizontal: DP: 73-151KHz; HDMI: 30-140 KHz • Vertical: DP: 30-100Hz; HDMI: 24-60Hz
Surface treatment:	• Anti-Glare
Resolution (recommended)	• DP Opt. 3440 × 1440 (60 Hz) • HDMI Opt. 3440 × 1440 (50 Hz)
Aspect ratio	• 21:9
Contrast ratio	• Static: 2500:1 • Dynamic: 10M:1 ⁽⁵⁾
Brightness (typical)	• 300 nits
Color gamut	• sRGB 100%
Color support	• Up to 16.7 million colors with the use of FRC technology
Pixel pitch	• 0.2382 mm x 0.242 mm • 106 PPI
Response time	• 4ms GtG
Connectivity	• 1 x DisplayPort 1.2 • 1 x HDMI 1.4
Audio	• 1 x Audio output • 1 x headphone jack
USB	• 3 x USB 3.0 (3 downstream and 1 upstream)
Power supply	• External
Maximum power consumption	• 120W
Energy saving/standby mode	• 0.5W
Tilt	• -5 to +23 degrees
Height adjustable stand	• Range 130 mm
Base area footprint	• 12 in x 12 in
Detachable stand	• Yes
VESA mounting	• VESA mount bracket included
Security lock ready	• Yes
Unpackaged dimensions	• 32.80 in (W) x 12.95 in (D) x 16.14 in (H)
Unpackaged weight	• 26.55 lb
Packaged dimensions	• 39.61 in (W) x 21.46 in (D) x 16.22 in (H)
Packaged weight	• 44.48 lb
Languages	• 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)

Certifications	<ul style="list-style-type: none"> • Microsoft WHQL Certification: Windows 7, 8, 10 • CE,CB,KC/MSIP/PSB/cTUVusMexico COC/ICES/TUV-GS/TUV-S/ISO 9241-307/EAC/cTUVus/CCC/CEL/CECP/SEPA/ISC/VCCI/FCC/BSMI/WECE
On screen display	<ul style="list-style-type: none"> • 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

Environmental Features

LED Backlights	• Mercury-free LED backlighting
Backlight Lamp Life	• 30K hours
Arsenic-Free	• Arsenic-free display glass ⁽⁶⁾
Low Halogen	• Low-voltage halogen design ⁽⁵⁾

Accessories & Warranty

Supplied Accessories	<ul style="list-style-type: none"> • 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)
Limited Warranty	• Protected by a one-year HP limited warranty. Certain restrictions and exclusions apply. ⁽⁴⁾

Additional Information

Product Number	• X3W57AA#ABA
Ad Embargo Date	• 3/12/17
UPC Code	• 889899871560
Country of Origin	• China
Tariff Number	• 8528510000
Pallet Information	<ul style="list-style-type: none"> • Dimensions: 49.2 in (L) x 40. in (W) x 70.1 in (H) • Total weight: 444.39 lbs • Layers: 3 • Products per layer: 3 • Total products per pallet: 9

Learn more at hp.com

⁽¹⁾ Ultra Wide QHD (Quad High Definition) content required to view UWQHD images. ⁽²⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽³⁾ 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. ⁽⁴⁾ Standard parts-and-labor hardware 1-year warranty. See www.HP.com/go/support for details. ⁽⁵⁾ Dynamic Contrast Ratios* during video playback only, depending on series of frames or time duration.

© Copyright 2017 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Actual product may vary from image shown. 12/07_r1 tg

