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 x DisplayPort™ 1.2
  1 x HDMI 1.4
  3 x 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	• 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/WEEE
On screen display	• 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	• 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	• **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

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