HP X34 WQHD Gaming Monitor (2V7W5AA)

Active as of 4/06/2021

Overview

All play, every play.

Play longer, comfier, and with amazing accuracy on our suite of sweet gaming monitors. We've redefined high definition gaming with IPS Panel Technology, 165Hz, 1ms response time [1], AMD [2] FreeSync™ Premium [3], and more colors than ever before.

A Display of Responsibility

Monitor made with 85% post-consumer recycled materials and sustainably sourced and recyclable packaging [5]. Doing good never looked so good.

Smooth Moves

Live in the flow of 165 Hz with a super fast 1ms response time [1] and keep your gameplay smooth-as-silk with AMD [2] FreeSync™ Premium [3].

Believing is Seeing

Immerse yourself in even more colors and catch all the action with ultra-wide viewing angles of an IPS display with HDR 400 in Ultra-Wide Quad HD (3440 x 1440) [4].

Game in comfort

HP Eye Ease with Eyesafe® certification keeps high-energy blue light out and the color accuracy in. Customize your comfort with the adjustable base.

Sustainably Sourced Packaging

HP is innovating new ways to reduce the amount of materials in our packaging and to use more recycled materials in the design. [5, 7]

Step up to the best

IPS technology brings you clear views from almost any angle. Every seat is the best seat in the house.

165Hz refresh rate

Crisp action and incredibly responsive gameplay with virtually no artifacting or screen tearing. [1]

Adjust your view

Adjust your screen's height with pivot and tilt capabilities.

HDR 400

Brighten your screen with enhanced contrast for a lifelike visual experience.

Specifications

Display size (diagonal)
34"

Panel technology
IPS

Aspect ratio
21:9

Native resolution
WQHD (3440 x 1440)

Resolutions supported
640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 2560 x 1440; 3440 x 1440

Pixel pitch
0.233 mm

Brightness
400 nits

Contrast ratio
1000:1

Response time (typical)
1 ms GtG (with overdrive)

Display features
Low blue light mode; Anti-glare; Height adjustable; AMD Freesync™ Premium; Gaming Console Compatible

Display scan frequency (horizontal)
30-255 KHz

Display scan frequency (vertical)
48-165 Hz

Onscreen controls
Exit; Information; Management; Power control; Input control; Menu control; Gaming; Image; Color

Physical security
None

Webcam
No integrated camera

Power
100 - 240 VAC 50/60 Hz

Power supply type
Internal

Power consumption
90 W (maximum), 45 W (typical), 0.5 W (standby)

Operating temperature range
5 to 35°C

Minimum dimensions (W x D x H)
81.65 x 5.36 x 36.81 cm
(Without stand.)
3

Dimensions With Stand (W x D x H)
81.65 x 23.5 x 51.44 cm

Weight
8 kg

Package dimensions (W x D x H)
106.3 x 18.7 x 48 cm

Package weight
13.3 kg

What's in the box
Monitor
DisplayPort™ cable
Warranty card
Product notice
AC power cord

Management Software
OMEN Gaming Hub

Manufacturer Warranty
3 years limited warranty.

Overview

1 All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. Results may vary based on quality of the original picture/photo/video and difference between the previous monitor settings compared to the HP Enhance + mode.

2 FreeSync™ Premium is only available when it is connected on Display Port or HDMI. FreeSync is an AMD® technology 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. Mandatory low framerate compensation and at least 120Hz refresh rate, 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 Supports Adaptive-sync with NVIDIA® GeForce® graphics cards and AMD Radeon graphics cards. FreeSync™ certified. Compatible with NVIDIA® GeForce® GTX 10 series, GTX 16 series and newer graphics cards.

4 Ultra-wide quad high-definition (UWQHD) content is required to view UWQHD images.

5 Based on HP's internal analysis. Monitor's 85% post-consumer recycled plastic content consists of 5% ocean bound plastic materials by weight. 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers. Plastic cushions are made from >90% recycled plastic. Excludes plastic bags and plastic foam sheeting.

Detailed Specifications

Aspect ratio
21:9

Audio port
1 x 3.5 mm Audio Jack (Audio Out)

Backlight type
Edge-lit

Bezel
3-sided micro-edge

Brightness
400 nits

Card reader
No

Certifications and compliances
Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CEL; cTUVus; EAC; FCC; ISC Mark; ISO 9241-307; KC/KCC; NOM; PSB; RCM; TUV-S; VCCI; Vietnam MEPS; WEEE; Mexico Energy; WW application; ICE; UAE; TUV-GS; Ukraine certificates; NRCS of South Africa; Belarus Energy; Eyesafe® Certified

Color gamut
99% sRGB

Contrast ratio
1000:1

Copyright notice
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Curvature
Flat

Detachable stand
Yes

Dimension note (imperial)
Without stand.

Dimensions (W x D x H) Note
Without stand.

Dimensions With Stand (W x D x H)
81.65 x 23.5 x 51.44 cm

Display area (imperial)
31.48 x 13.18 in

Display area (metric)
79.98 x 33.48 cm

Display contrast ratio (dynamic)
100000:1

Display features
Low blue light mode; Anti-glare; Height adjustable; AMD Freesync™ Premium; Gaming Console Compatible

Display Input Type
1 HDMI 2.0; 1 DisplayPort™ 1.4-in

Display scan frequency (horizontal)
30-255 KHz

Display scan frequency (vertical)

48-165 Hz

Display size (diagonal)
34"

Display size (diagonal)
86.36 cm (34")

DisplayPort™
1 DisplayPort™ 1.4

Ethernet
No

Flicker-free
Yes

Hardness
3H

HDMI
1 HDMI 2.0

Height adjustment range
100 mm

Horizontal viewing angle
178°

Image legal disclaimer
Product image may differ from actual product

Integrated privacy filter
No

Legal disclaimer
All performance specifications are provided by the component manufacturers. Performance specifications represent the highest specification of all HP's component manufacturers' typical level specifications for performance. Actual performance may vary either higher or lower.

Low blue light modes
Yes, Eyesafe® Certified

Management Software
OMEN Gaming Hub

Manufacturer Warranty
3 years limited warranty.

Microphone
No

Minimum dimensions (W x D x H)
32.15 x 2.11 x 14.49 in

Minimum dimensions (W x D x H)
81.65 x 5.36 x 36.81 cm

Native resolution
WQHD (3440 x 1440)

Non-Operating Humidity Range
5 to 95%

Onscreen controls
Exit; Information; Management; Power control; Input control; Menu control; Gaming; Image; Color

Operating humidity range
20 to 80% non-condensing

Operating temperature range
41 to 95°F

Operating temperature range
5 to 35°C

Package dimensions (W x D x H)

106.3 x 18.7 x 48 cm

Package dimensions (W x D x H)
41.85 x 7.36 x 18.9 in

Package weight
13.3 kg

Package weight
29.3 lb

Panel bit depth
8 bit

Panel technology
IPS

Physical security
None

pivot
No pivot

Pixel pitch
0.233 mm

Pixels per inch (ppi)
110 ppi

Power
100 – 240 VAC 50/60 Hz

Power consumption
90 W (maximum), 45 W (typical), 0.5 W (standby)

Power supply type
Internal

Product brand name
HP

Product dimensions with stand (W x D x H)
32.15 x 9.25 x 20.25 in

Product long name specifications
HP X34 WQHD Gaming Monitor; WQHD (3440 x 1440)

Resolution (maximum)
WQHD (3440 x 1440 @ 165 Hz)

Resolutions supported
640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 2560 x 1440; 3440 x 1440

Response time (typical)
1 ms GtG (with overdrive)

Screen treatment
Anti-glare

Speakers
No

swivel
No swivel

Tilt
–5 to +20°

Touch-enabled
Not touch-enabled

UNSPSC code
43211902

Vertical viewing angle
178°

VESA mounting
100 mm x 100 mm (bracket not included)

Webcam
No integrated camera

Weight
17.6 lb

Weight
8 kg

Weight note (imperial)
With stand.

Weight note (metric)
With stand.

What's in the box
Monitor; DisplayPort™ cable; Warranty card; Product notice; AC power cord