

OMEN by HP 32 Display



Massive views. Dominant victories.

Soak in your hard fought victory. From the massive panel to the impressive QHD detail, every challenge you conquer looks as good as it feels.⁽¹⁾

Product overview

- **Strength in numbers:** The ginormous QHD panel pumps out 77 percent more pixels than standard Full HD displays.⁽²⁾
- **Every millisecond matters:** Eliminate smearing and motion blur with 5ms response time and 75Hz refresh rate.⁽⁴⁾
- **AMD FreeSync™ certified:** With fluid, responsive gameplay, display stutter and screen tears are ancient history.⁽⁷⁾

Key specifications

- **Viewable image area:** 32-inch display, diagonally measured
- **Aspect ratio:** 16:9
- **Contrast:** 3000:1; 10M:1⁽³⁾
- **Resolution:** 2560 x 1440@60Hz QHD⁽¹⁾
- **Connectivity:**
 - Display Port 1.2
 - HDMI x 2
- **Exterior color:** Black

Product features

- **Unforgettable QHD picture:** Brilliant details and captivating definition. Get it all with the unforgettable image quality of a 2560 x 1440 resolution display. (1)
- **Share the panoramic view:** Vibrant detail from practically any position with consistent color and image clarity maintained across an ultra-wide 178° horizontal and vertical viewing angles.
- **Easy port access:** Quickly connect to your screen with simple and easy access to all your ports for a more convenient experience.
- **Compact, sleek design:** Slim design and single connection gives you more room for an enhanced computing experience.
- **AMD FreeSync™:** Put an end to choppy gameplay and broken frames.⁽⁷⁾

Environmentally conscious

Energy efficient components such as mercury-free display backlighting, low halogen design, arsenic-free display glass, and recyclable packaging, help achieve a EPEAT Silver rating.⁽⁶⁾

Warranty and support

Rest easy and work confidently with an HP standard 1 year limited warranty. Certain restrictions and exclusions apply.⁽⁵⁾



Monitor Specifications

Panel Type	• WVA+
Panel Active Area	• 708.48 mm x 398.52 mm
Viewable image area	• 32-inch display, diagonally measured
Viewing angle	• Horizontal: 178° • Vertical: 178°
Scan Range	• Horizontal: 24 - 115 kHz • Vertical: 48 - 75 Hz
Surface treatment:	• Anti-glare
Native Resolution (recommended)	• 2560 x1440@60Hz QHD ⁽¹⁾
Aspect Ratio	• 16:9
Contrast Ratio	• Static Ratio: 3000:1 • Dynamic Ratio: 10M:1 ⁽²⁾
Brightness (typical)	• 300 nits ⁽⁴⁾
Color Gamut	• 100% sRGB
Color Support	• Up to 1.07 billion colors with the use of FRC technology
Pixel Pitch	• 0.27675 (H) mm x 0.27675 (V) mm • 91.8 PPI
Response Time	• 5ms
Connectivity	• Display Port 1.2 • Dual HDMI • HDCP Support (DP/HDMI) • Integrated USB 2.0 hub with (2) Downstream and (1) Upstream ports
Power Supply	• External
Maximum Power Consumption	• 72 watts
Energy Saving/Standby Mode	• 0.5 watt
Tilt	• -5 to +21 degrees
Base area footprint	• 12.1 in x 0.4 in
Detachable Base	• Yes, ships detached
VESA Mounting	• Mounting bracket included
Security Lock Ready	• No
Unpackaged Dimensions	• 29.1 in (W) x 7.0 in (D) x 20.6 in (H)
Unpackaged Weight	• 21.56 lb
Packaged Dimensions	• 35.04 in (W) x 9.65 in (D) x 23.07 in (H)
Packaged Weight	• 30.38 lb
Languages	• User guide and warranty: English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.
Certifications	• Windows 10 Microsoft WHQL Certification • CE, CB, KCC/NOM/ICES/TUV-S/CCC/CEL/EPA/ISC/VCCI/FCC / Taiwan: BSMI /ISO9241-307 / Mexico CoC
Software	• HP MyDisplay Smart software: Lets you partition your screen so that multiple application windows can be open at the same time, and even saves user-preferred settings for any easy startup.

On Screen Display	<ul style="list-style-type: none"> • On Screen Display User Controls <ul style="list-style-type: none"> -Brightness -Contrast -Color control -Image control -Power control -Menu control -Information -Management -Language -Input Control -Exit • User Programmable Modes <ul style="list-style-type: none"> -10 • Monitor Control Buttons <ul style="list-style-type: none"> -Menu, Plus ("+")/Quick View, Minus ("-") / Input Control, Power
--------------------------	--

Environmental Features

LED Backlights	• Mercury-free LED backlighting
Backlight Lamp Life	• 30K minimum
Arsenic-Free	• Arsenic-Free Display Glass
Low Halogen	• Low Halogen
Certifications	• EPEAT® Silver registered • Energy Star® 7.0 qualified

Accessories & Warranty

Supplied Accessories	<ul style="list-style-type: none"> • A/C power cord • HDMI cable • DP Cable • VESA Mount Bracket
Limited Warranty	• Protected by a one-year HP limited warranty. Certain restrictions and exclusions apply.

Additional Information

Product Number	• W9S97AA#ABA
Ad Embargo Date	• 8/14/2016
UPC Code	• 889899706947
Country of Origin	• China
Tariff Number	• 8528510000
Pallet Information	<ul style="list-style-type: none"> • G-2 Dimensions: 40.08 in (W) x 38.98 in (L) x 92.95 in (H) • G-1 Dimensions: 49.02 in (W) x 35.43 in (L) x 98.19 in (H) • Total weight: 539 lb (GQ) / 693 lb (HQ) • Layers: 3 (GQ) / 4 (HQ) • Products per layer: 4 (GQ) / 5 (HQ) • Total products per pallet: 12 (GQ) / 20 (HQ)

Learn more at hp.com

⁽¹⁾ Quad high-definition (QHD) content required to view QHD images. ⁽²⁾ Based on same size monitor and image pixel density. QHD (Quad High Definition) content required to view QHD images. ⁽³⁾ Dynamic Contrast Ratios during video playback only, depending on series of frames or time duration. ⁽⁴⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽⁵⁾ Standard parts-and-labor hardware 3-year warranty (APJ) [1-year warranty (AMS; EMEA)]. Complimentary Limited Technical Support including initial setup support, is available from HP via multiple contact methods for ninety (90) days from date of purchase. ⁽⁶⁾ 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. EPEAT® Silver where HP registers consumer display products. See www.epeat.net for registration status in your country. ⁽⁷⁾ FreeSync is an AMD technology is enabled on FHD displays and is designed to eliminate stuttering and/or tearing in games and videos by locking a display's refresh rate to the framerate of the graphics card. Monitor, AMD Radeon™ Graphics and/or AMD A-Series APU compliant with DisplayPort™ Adaptive-Sync required. AMD Catalyst™ 15.2 Beta (or newer) required. Adaptive refresh rates vary by display. © 2016 Advanced Micro Devices, Inc. All rights reserved. AMD, AMD FreeSync, the AMD arrow logo, and combinations thereof, are trademarks of Advanced Micro Devices, Inc. in the United States and/or other jurisdictions. All other products names are for reference only and may be trademarks of their respective owners. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

© Copyright 2016 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. 08/5_r3 tg

