

OMEN by HP 32 Displays



Massive views. Dominant victories.

This is gaming pushed to its limit. Soak in your hard fought victory with an eye-popping experience worthy of your battlestation. From the massive panel to the impressive QHD¹ detail, every challenge you conquer looks as good as it feels.



Strength in numbers

- When you crank up the settings, no detail should go unnoticed. The ginormous QHD panel pumps out extreme detail with 77 percent more pixels than standard Full HD displays.²

Every millisecond matters

- Hone your reflexes and gain the upper hand over your enemies. The 5ms response time³ and 75Hz refresh rate eliminates smearing and motion blur, so you can react instantly to what's on screen.

AMD FreeSync™ certified

- See and feel the difference of fluid, responsive gameplay. By synchronizing the refresh rate with your GPU, AMD FreeSync⁴ makes display stutter, input lag, and screen tears ancient history.

Featuring

- Brilliant details and captivating definition. Get it all with the unforgettable image quality of a 2560 x 1440 resolution display.¹
- Vibrant detail from practically any position with consistent color and image clarity maintained across an ultra-wide 178° horizontal and vertical viewing angles.
- Quickly connect to your screen with simple and easy access to all your ports for a more convenient experience.
- Get everything you need in one elegant package. Just one connection to the wall eliminates cable clutter. Slim design gives you more room for an enhanced computing experience.

¹ Quad high-definition (QHD) content is 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 All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

⁴ FreeSync™ is only available when it is connected on Display Port.

Datasheet

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Display Size	81.28 cm (32")
Aspect Ratio	16:9
Display type	WVA+
Pixel pitch	0.276 mm
Refresh response time	5 ms on/off
Brightness	300 cd/m²
Contrast ratio	3000:1 static; 10M:1 dynamic
Viewing angle	178° horizontal; 178° vertical
Video input signal	2 HDMI (with HDCP support); DisplayPort 1.2 (with HDCP support)
Resolution	2560 x 1440 @ 60Hz
Display Scan Frequency (horizontal)	Up to 115 kHz
Display Scan Frequency (vertical)	Up to 75 Hz
Display features	Anti-glare; Language selection; LED Backlights; On-screen controls; Plug and Play; User programmable
Physical security features	Security lock-ready (lock is sold separately)
Display moving angle	Tilt: -5 to +21°
Connectivity	3 USB 2.0 (two downstream; one upstream)
Environmental Specifications	Mercury-free LED backlighting; Arsenic-Free Display Glass; Low Halogen
Power Supply and Power Requirements	Input voltage: 100-240 VAC at 50 - 60 Hz; Power consumption: 72W maximum, 54W typical; Standby mode: < 0.5W
Energy Efficiency	Energy Efficiency class: A; Visible Screen Diagonal: 81.28 cm (32"); On-mode power consumption: 41 W; Annual energy consumption: 60 kWh; Standby: 0,50 W; Power consumption (off-mode): 0,35 W; Screen Resolution: 2560 x 1440 @ 60Hz
Display User Control Options	Menu; Plus (+)/Quick View; Minus (-)/Input Control; Power
Dimensions (W x D x H)	73.99 x 17.89 x 52.23 cm (with stand); 73.99 x 5.32 x 43.34 cm (without stand)
Weight	9.8 kg (with stand); 8.2 kg (without stand)
Operating Temperature Range	5°C - 35°C
Operating Humidity Range	20% to 70% (non-condensing)
Storage Temperature Range	-20°C - 60°C
Non-operating Humidity Range	5% - 95%
Certifications and compliances	CE; CB; KCC; NOM; ICES; TUV-S; CCC; CEL; CECP; SEPA; TCO Certified; EPA; ISC; VCCI; FCC; Taiwan: BSMI; ISO9241-307; Mexico CoC
Product colour	Licorice Black
Warranty	1 year HP Commercial Guarantee
Country of Origin	China
Box Content	AC power cord (1.9m) 6.2 ft; DP Cable (1.8m); HDMI Cable (1.8m); VESA Mount Bracket included; CD (includes U.G., warranty, drivers)
VESA Mount	Yes
Ordering info	W9S97AA#A2N: 190780549520; W9S97AA#ABB: 889899706954; W9S97AA#ABT: 190780549483; W9S97AA#ABU: 190780549452; W9S97AA#ABV: 190780549506; W9S97AA#ABY: 190780549476; W9S97AA#ACQ: 190780549490; W9S97AA#UUG: 190780549513; W9S97AA#UUZ: 190780549469

