

OMEN by HP 25 Display



Become Lightning

Sweep the leaderboards and dominate fast-paced combat, with a display designed for truly game-changing clarity. Feel the rush of a lightning fast 144Hz refresh rate and AMD FreeSync™ technology — capable of smooth, crystal-clear visuals. Now you can savor every triumph, without missing a single detail.



Victory at the speed of you

- Dodge the hook. Steal the objective. Explode with high voltage. 144Hz refresh rate¹ and a 1ms response time reduce input lag and jumpstart the fury you bring to each match.

Gameplay that keeps up with you

- With AMD FreeSync™ Technology you can focus on the objective without blurring or tearing holding you back from obliterating your opponent's backline.

It's your gear. Hook it up.

- Connection options for your entire gaming arsenal. With 1 DisplayPort, 2 HDMI, 2 USB 3.0 ports, and a convenient hook for your headset, you're always ready for action.

¹ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

² Full high-definition (FHD) content is required to view FHD images.

³ FreeSync™ is only available when it is connected on Display Port.

⁴ DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

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Featuring

144Hz refresh rate

Get smooth gaming, sharper objects, and cleaner details with a gaming display that refreshes frames 144 times a second - over twice the refresh rate of standard displays.¹

Full HD display / 1080p display

Be prepared for brilliant visuals and crisp images with the unforgettable quality of this stunning FHD display.²

TN panel

Enjoy the latest action movie or high-octane video game with the low pixel latency and snappy response times of this TN panel.

1ms response time with Overdrive

How fast your pixels can react to changing frames is critical for fast-paced gaming, and a 1ms response time ensures even the most action-packed moments are fluid, crisp, and free of motion blur.³

USB connections

Connection has never been this simple. With USB ports on the display, your USB accessories are right at hand and always within reach.

Built-in headphone hook

When you're done gaming with your friends, store your headset where it won't get damaged while still being within reach for your next session.

AMD FreeSync™

Enjoy the latest action movie or high-octane video game with the low pixel latency and snappy response times of this display.³

Low Blue Light

Using the Low Blue Light mode subtly shifts your display's colors to a warmer spectrum, while making whites more natural and putting less strain on your eyes.

Extensive port connectivity

HDMI and DisplayPort™ connectivity options offer the latest digital connections, and the USB 3.0 hub lets you plug in your favorite accessories right to the display.⁴

Included headphone jack

Conveniently located within reach, the headphone jack lets you easily plug in your headphones for a more lifelike experience.

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Datasheet

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Display Size	62.23 cm (24.5")
Aspect Ratio	16:9
Display type	TN w/LED backlight
Pixel pitch	0.283 mm
Response time	1 ms (gray to gray)
Brightness	400 cd/m ²
Contrast ratio	1000:1 static; 10M:1 dynamic
Video input signal	2 HDMI 1.4; 1 DisplayPort™ 1.2
Resolution	FHD (1920 x 1080 @ 144 Hz)
Display Scan Frequency (horizontal)	Up to 240 kHz
Display Scan Frequency (vertical)	Up to 144 Hz
Display features	Anti-glare; Language selection; LED Backlights; On-screen controls; Plug and Play; User programmable; AMD FreeSync™
Physical security features	Security lock-ready (lock is sold separately)
Display moving angle	Tilt: -5 to +23°
Connectivity	3 USB 3.0 (one upstream, two downstream); 1 audio output
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: 40W maximum, 30W typical; Standby mode: 0.5W
Energy Efficiency	Energy Efficiency class: A On-mode power consumption: 24.2 W; Annual energy consumption: 35.3 kWh
Display User Control Options	Power; OK; Menu; Minus ("-"); Plus ("+"); Brightness; Contrast; Color Control; Input Control; Image Control; Audio control; Management; Language; Information
Operating Temperature Range	5 to 35°C
Certifications and compliances	CE; ICES; VCCI; FCC; C-Tick; CB; TUV-GS; ISO-9241-307; cTUVus; TUV LBL; CCC; CEL; BSMI; KCC; Australia MEPS; E-standby; PSB; ISC; Microsoft WHQL Certification (Windows 10, Windows 8.1 and Windows 7); SmartWay Transport Partnership - NA only
Product colour	Jack Black
Warranty	Protected by an HP standard 1 year limited warranty
Box Content	Power adapter; AC power cord; HDMI cable; DisplayPort cable; USB cable; CD (includes user guide, warranty, drivers)
Ordering info	Z7Y57AA#ABB: 190781396475; Z7Y57AA#A2N: 190781396550; Z7Y57AA#ABT: 190781396512; Z7Y57AA#ABU: 190781396482; Z7Y57AA#ABV: 190781396536; Z7Y57AA#ABY: 190781396505; Z7Y57AA#ACQ: 190781396529; Z7Y57AA#UUG: 190781396543; Z7Y57AA#UUZ: 190781396499

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