

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.

Featuring

- 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.
- Be prepared for brilliant visuals and crisp images with the unforgettable quality of this stunning FHD display.
- Enjoy the latest action movie or high-octane video game with the low pixel latency and snappy response times of this TN panel.
- 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.

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.

Datasheet

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Display Size	62.23 cm (24.5")
Aspect Ratio	16:09
Display type	TN w/LED backlight
Pixel pitch	0.283 mm
Refresh 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 @ 60 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
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	Visible Screen Diagonal: 62.23 cm (24.5"); On-mode power consumption: 21.75W; Annual energy consumption: 31.8 kWh; Screen Resolution: FHD (1920 x 1080 @ 60 Hz)
Display User Control Options	Power; OK; Menu; Minus ("-"); Plus ("+"); Brightness; Contrast; Color Control; Input Control; Image Control; Audio control; Management; Language; Information
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#UUJ: 190781396499

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