

OMEN by HP 27 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 165Hz refresh rate and NVIDIA G-SYNC™ 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. A 165Hz refresh rate¹ and 1ms response time reduce input lag and jumpstart the fury you bring to each match.

Clutch moves. Smooth gameplay.

- NVIDIA G-SYNC™ technology creates a direct link between the graphics card and display, making headshots second nature without the fear of tearing and blurring.

Find your vantage point

- Get comfortable for your rise up the leaderboards. Easily tilt, swivel, and adjust the display's height while ambient lighting illuminates the base, helping ensure eye comfort.

Featuring

- This lightning-fast refresh rate practically removes all artifacting and motion blurring for action that looks crisp and gameplay that feels incredibly responsive.
- By synchronizing the refresh rates of your GPU and display, NVIDIA G-SYNC™ technology delivers gameplay that's sharp, fluid, and stutter-free with minimal input lag.
- Get lost in the captivating definition and ultra-sharp details of 3.7 million pixels. The QHD resolution (2560 x 1440) transforms all your content for an remarkable entertainment experience.
- Enjoy the latest action movie or high-octane video game with the low pixel latency and snappy response times of this TN panel.

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

² Quad high-definition (QHD) content is required to view QHD images.

³ 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	68.58 cm (27")
Aspect Ratio	16:9
Display type	TN w/LED backlight
Pixel pitch	0.233 mm
Refresh response time	1.8 ms gray to gray
Brightness	350 cd/m²
Contrast ratio	1000:1 static; 10M:1 dynamic
Viewing angle	170° horizontal; 160° vertical
Video input signal	1 HDMI; 1 DisplayPort™ 1.2
Resolution	QHD (2560 x 1440 @ 60 Hz)
Display Scan Frequency (horizontal)	Up to 240 kHz
Display Scan Frequency (vertical)	Up to 165 Hz
Display features	Anti-glare; Language selection; LED Backlights; On-screen controls; Plug and Play; User programmable; Anti-static; Height adjustable stand
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: 75W maximum, 65W typical; Standby mode: 0.5W
Energy Efficiency	Energy Efficiency class: C; Visible Screen Diagonal: 68.58 cm (27"); Screen Resolution: QHD (2560 x 1440 @ 60 Hz)
Display User Control Options	Menu; Minus ("-"); Plus ("+"); Input Control; Power; Luminance; Color Control; Image Control; Management; Language; Information; Exit
Dimensions (W x D x H)	61.36 x 27.25 x 53.36 cm (with stand); 61.36 x 19.08 x 37.36 cm (without stand)
Weight	6.48 kg (with stand); 4.34 kg (without stand)
Operating Temperature Range	5 to 35°C
Storage Temperature Range	41 to 95°F
Certifications and compliances	CE; CB; KC; KCC; NOM; PSB; ICE; TUV-S; ISO 9241-307; EAC; UL; CSA; ISC; CCC; CEL; CECP; SEPA; TCO/TCO Certified Edge; VCCI; FCC; BSMI; Vietnam MEPS; Australian-New Zealand MEPS; WEEE; SmartWay Transport Partnership - NA only; Microsoft WHQL Certification (Windows 10, Windows 8.1 and Windows 8)
Product colour	Black
Warranty	Protected by an HP standard 1 year limited warranty
Box Content	HDMI cable; USB 3.0 cable; DisplayPort cable; CD (includes U.G, warranty, drivers)
Ordering info	Z4D33AA#ABB: 190781396277; Z4D33AA#A2N: 190781396352; Z4D33AA#ABT: 190781396314; Z4D33AA#ABU: 190781396284; Z4D33AA#ABV: 190781396338; Z4D33AA#ABY: 190781396307; Z4D33AA#ACQ: 190781396321; Z4D33AA#UUG: 190781396345; Z4D33AA#UUZ: 190781396291

