



OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s (780G5AA)



Pregel

SPEED RUN THROUGH FUN

Outclass the competition with the OMEN by HP 27-inch FHD 240Hz Gaming Monitor. Delivering ultra-smooth frames and crisp details[1], this NVIDIA® G-SYNC® compatible display has what it takes to keep up with you. Speed meets looks with a fun, yet refined design unlike any other so you can enjoy it in and out of the game.

240HZ

APPROACHING MAXIMUM FUN

Frame by frame, experience buttery smooth action with no distraction. Boasting a lightning-fast 240Hz refresh rate and 1ms GTG response time with Overdrive[1], this gaming monitor cuts motion blur, so you're acting not reacting. Leave screen tearing and lag in the dust, thanks to NVIDIA® G-SYNC® compatibility.



GET PLUGGED IN

Know you're equipped for your devices—gaming and otherwise—with two HDMI 2.0, one DisplayPort™ 1.4, and two USB-A 3.2 ports[4]. Make switching from PC to console a breeze when you directly connect your mouse & keyboard to the monitor thanks to the USB hub. Oh, did we mention the effortless cable management?



IT'S LIKE YOU'RE REALLY THERE

Escape fully and dive into detailed worlds with the crisp visuals of FHD resolution[2]. Marvel at the wide array of dazzling colors and hues of the 99% sRGB and 95% DCI-P3 color gamut[1]. Even in shadows, easily make out details and shading with VESA DisplayHDR™ 400[3].

Build for a better tomorrow

Innovating with purpose and intention to drive impactful, positive, lasting change.

FHD Resolution

Focus on the finer details and enjoy clear images with the 1920 x 1080 Full HD resolution on this 27" diagonal monitor.^[2]

240Hz Refresh Rate

When every moment counts, a lightning-fast 240Hz refresh rate practically removes all artifacting and motion blurring for gameplay that's incredibly crisp and responsive.^[1]

1ms GTG Response Time with Overdrive

Eliminates motion blur for crisp, fluid gameplay no matter what's happening on-screen.^[1]

NVIDIA® G-SYNC® Compatible

NVIDIA® G-SYNC® technology delivers gameplay that's sharp, fluid, and stutter-free with minimal input lag.

VESA DisplayHDR™ 400

See details even in shadow and replicate reality on your screen with enhanced contrast.^[3]

AMD FreeSync™ Premium Technology

Game confidently with a high refresh rate, low framerate compensation, and low latency.^[6]

[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 required to view FHD images.

[3] DisplayHDR™ is the high-performance Monitor and Display Compliance Test Specification from VESA specifying HDR (High Dynamic Range) quality. See <http://displayhdr.org> for more details.

[4] AC power cord, DisplayPort™, and USB-B to A cables included. All others sold separately.

[6] Requires a monitor and AMD Radeon graphics, both with FreeSync Premium support. AMD FreeSync Premium requires mandatory low framerate compensation and at least 120 Hz refresh rate at minimum FHD. See www.amd.com/freesync for complete details. Confirm capability with your system manufacturer before purchase. GD-161.

Tehnični podatki

Velikost zaslona (diagonala)	27"
Vrsta zaslona	IPS
Velikost zaslona (diagonala)	68.6 cm (27")
Razmerje širine/višine	16:9 ^[1]
Privzeta ločljivost	FHD (1920 x 1080) ^[1,2]
Podprte ločljivosti	640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080
Razdalja med slikovnimi pikami	0.31 x 0.31 mm
Svetlost	400 nits ^[1]
Kontrastno razmerje	1000:1 ^[1]
Odzivni čas (običajno)	1ms GtG (with overdrive)
Najmanjše mere (Š x G x V)	61.36 x 5.22 x 36.43 cm (without stand)
Mere s stojalom (Š x G x V)	61.36 x 22.33 x 52.37 cm
Teža	8.68 kg (with stand)
Funkcije zaslona	On-screen controls; Pivot rotation; Anti-glare; Height adjustable; AMD Freesync™ Premium; Gaming Console Compatible; Integrated speakers; HP Eye Ease (Eyesafe® certified); HDR; NVIDIA® G-SYNC® Compatible; VESA Certified AdaptiveSync
Zaslonski kontrolniki	Management; Information; Input; Color; Image; Menu; Gaming; Audio; External Lighting
Barve zaslona	Up to 16.7 million colors supported
Frekvenca za prikaz vodoravne črte slikovnih pik	30-391 kHz
Frekvenca za prikaz navpične črte slikovnih pik	60-240 Hz (DisplayPort™); 60-200 Hz (HDMI)
Fotoaparati	No integrated camera
Napajanje	100 - 240 VAC 50/60 Hz
Temperaturni obseg delovanja	5 to 35°C
Obseg vlažnosti za delovanje	20 to 80% RH
Specifikacije trajnostnega vpliva	Low Halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 85% ITE-derived closed loop plastic
Certifikati in skladnost	Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CEL; CSA; EAC; FCC; ISO 9241-307; KC/KCC; NOM; PSB; TUV Bauart; TUV LBL; VCCI; Vietnam MEPS; WEEE; ISC; California Energy Commission (CEC); WW application; ICE; Ukraine certificates; TÜV Flicker free certified; UAE safety; UAE RoHS; South Africa safety; CEL Grade 2 ^[9]

Fizična varnost	None
Programska oprema za upravljanje	OMEN Gaming Hub; OMEN Lighting Studio
Številka UPC	197029615466
Garancija proizvajalca	1 year limited warranty
Vsebina škatle	Monitor; DisplayPort™ cable; Warranty card; USB Type-A to B cable; Quick Setup Poster; AC power cord ^[7]

Dodatni tehnični podatki

Barva stojala	Black
Barvna lestvica	99% sRGB; 95% DCI-P3
Bitna globina zaslona	True 8 bit
Blagovna znamka izdelka	HP
Brez migetanja	Yes
CO2e med proizvodnjo (v kg)	135
CO2e ob koncu življenjske dobe (kg)	3
Dimenzije osnovnega območja (metrični sistem)	21.49 x 20.99 cm
Dimenzije palete (Š x G x V)	113 x 70.9 x 192.6 cm
DisplayPort™	1 DisplayPort™ 1.4
Država izvora	Made in China
Fotografija letaka 1	AHID/81983447cdeee7ed6ab5cf6e95ca7f278b294fe2
Fotografija letaka 2	AHID/2694299b8b95bc355751ffcaec1bebe744c6987d
Fotografija letaka 3	AHID/e55058567e6f485e26c341e772b7222cea48e45e
Fotografija letaka 4	AHID/f9b458182923dd12de5a4b6f5897a4de02839d47
HDCP	Yes, DisplayPort™ and HDMI
HDMI	2 HDMI 2.0
Hitrost osveževanja (največja)	240 Hz
Izhodna moč zvočnika	2 x 3 W
Koda UNSPSC	43211902
Kontrastno razmerje zaslona (dinamično)	10000000:1
Logotip razreda energetske učinkovitosti	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c07055646.png
Ločljivost (največja)	FHD (1920 x 1080 @ 240 Hz)
Montaža VESA	100 mm x 100 mm (bracket included)
Nagib	-5 to +20°
Navpični vidni kot	178°
Nizka raven modre svetlobe	Yes, HP Eye Ease (Eyesafe® Certified)
Območje prikaza (metrične enote)	59.67 x 33.57 cm
Obravnava zaslona	Anti-glare
Obseg prilagoditve višine	100 mm

Okvir	3-sided borderless
Paleta (plasti)	4
Poraba energije CO2e (kg)	112
Prevoz CO2e (kg)	3
Priključek za zvok	1 x 3.5 mm Audio Jack (Audio Out)
Priporočena vlažnost za mirovanje	5-95%
Razred energetske učinkovitosti	E
Skupaj CO2e (kg)	250
Slika oznake razreda energetske učinkovitosti	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08496318.png
Snemljivo stojalo	Yes
Temperaturni obseg delovanja	41 to 95°F
Teža paketa	11.79 kg
Teža palete	340.12 kg
Trdota	3H
USB Type-A	2 SuperSpeed USB Type-A 5Gbps signaling rate
Ukrivljenost	Flat
Usb b (omogočenje zvezdišča)	1 USB-B
Velikost paketa (Š x G x V)	69.9 x 16 x 44.6 cm
Vidna velikost diagonale	27" (68.47 cm)
Vodoravni vidni kot	178°
Vrsta napajanja	Internal
Vrsta osvetlitve ozadja	Edge-lit
Zahtevana moč v stanju delovanja za standardno dinamično območje (SDR)	21 W
Zahtevana moč v stanju delovanja za visoko dinamično območje (HDR)	47 W
Zahtevana moč v stanju pripravljenosti	0.5 W
Zunanji URL razreda energijske učinkovitosti	https://eprel.ec.europa.eu/screen/product/electronicdisplays/1458824
obračanje	±90°
Št. izdelkov na paleto	28
Št. izdelkov na plast palete	7
Št. točk na palec (ppi)	82 ppi

Številka sprotne opombe za skupni CO2e (v kg)	[60]
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Šum	25%
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Življenjska doba žarnice za osvetlitev ozadja	30,000 hours
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[1] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[2] DisplayPort™ 1.4 or HDMI 2.0 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 1920 x 1080 at 60 Hz with 8-bit color using one DisplayPort™, HDMI. The video card of the connected PC must be capable of supporting 1920 x 1080 and include one DisplayPort™ or one HDMI outputs to drive the monitor at the Preferred Mode.

[7] Included cables may vary by country.

[9] Monitors produced from June 2024 comply with China regulation GB 21520-2023.

Storitve

Paket storitev HP Care Pack

★ : Priporočene

Storitve Care Pack za potrošniške osebne sisteme

HP-jeva 3-letna storitev s prevzemom in vračilom za potrošniške monitorje	UC758E ★
HP-jeva 1-letna podpora po izteku garancije za strojno opremo monitorja s prevzemom in vračilom	U42V2PE
HP-jeva 2-letna storitev s prevzemom in vračilom za potrošniške monitorje	HC203E
HP-jeva 2-letna storitev z vračilom v skladišče za potrošniške monitorje	UJ047E
HP-jeva 3-letna storitev z vračilom v skladišče za potrošniške monitorje	UJ048E

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