



OMEN by HP 27 inch FHD 165Hz Gaming Monitor - OMEN 27

Brand : HP

Product family: OMEN by HP

Product code: 780F9AA

Product name : OMEN by HP
27 inch FHD 165Hz Gaming
Monitor - OMEN 27



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TAKE YOUR FUN UP A NOTCH

Reach new possibilities with the OMEN by HP 27-inch FHD 165Hz Gaming Monitor. Quick performance and vibrant color let you get lost in the games you love most, while the sleek design functions to look and feel great on your desk.

OMEN by HP OMEN by 27 inch FHD 165Hz Gaming Monitor - OMEN 27. Display diagonal: 68.6 cm (27"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Display surface: Matt, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub. VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	On Screen Display (OSD)	✓
Display resolution *	1920 x 1080 pixels	Power	
HD type *	Full HD	Energy efficiency class (SDR) *	E
Native aspect ratio *	16:9	Energy efficiency class (HDR) *	E
Display technology *	LCD	Energy consumption (SDR) per 1000 hours *	20 kWh
Panel type *	IPS	Energy consumption (HDR) per 1000 hours *	45 kWh
LED backlight	✓	Power consumption (typical) *	25 W
Backlight type	Edge LED	Power consumption (standby) *	0.5 W
Touchscreen *	✗	Power consumption (max)	52 W
Display brightness (typical)	400 cd/m²	Power consumption (off)	0.3 W
Display brightness	400 cd/m²	AC input voltage	100 - 240 V
Response time *	1 ms	AC input frequency	50/60 Hz
Response time measurement type	GTG (Gray to Gray)	Power supply type	Internal
Display surface	Matt	Energy efficiency scale	A to G
Anti-glare screen	✓	Operational conditions	
Screen shape *	Flat	Operating temperature (T-T)	5 - 35 °C
Supported graphics resolutions	1024 x 768 (XGA), 1280 x 1024 (SXGA), 1280 x 720 (HD 720), 1280 x 800, 1440 x 900 (WXGA+), 1600 x 900, 1680 x 1050 (WSXGA+), 1920 x 1080 (HD 1080), 640 x 480 (VGA), 720 x 400, 800 x 600 (SVGA)	Operating relative humidity (H-H)	20 - 80%
		Storage relative humidity (H-H)	20 - 80%
Aspect ratio	16:9	Weight & dimensions	
Contrast ratio (typical) *	1000:1	Width (with stand)	613.6 mm
Contrast ratio (dynamic)	10000000:1	Depth (with stand)	223.3 mm
Maximum refresh rate *	165 Hz	Height (with stand)	523.7 mm
Viewing angle, horizontal	178°	Weight (with stand)	8.08 kg
Viewing angle, vertical	178°	Width (without stand)	613.6 mm
Display number of colours *	16.7 million colours	Depth (without stand)	52.2 mm
Pixel pitch	0.31 x 0.31 mm	Height (without stand)	364.3 mm
Pixel density	82 ppi	Packaging data	
Horizontal scan range	30 - 210 kHz	Package width	699 mm
Vertical scan range	60 - 165 Hz		

Display		Packaging data	
Viewable size, horizontal	59.7 cm	Package depth	160 mm
Viewable size, vertical	33.6 cm	Package height	446 mm
Display diagonal (metric)	68.6 cm	Package weight	11.3 kg
High Dynamic Range (HDR) supported	✓	Package type	Box
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 400	Warranty card	✓
Haze rate	25%	Packaging content	
Surface hardness	3H	Stand included	✓
Colour depth	8 bit	Cables included	DisplayPort, AC
Colour gamut standard	sRGB, DCI-P3	Quick start guide	✓
Colour gamut	99%	Bundled software	OMEN Gaming Hub
sRGB coverage (typical)	99%	Sustainability	
DCI-P3 coverage	95%	Sustainability compliance	✓
Performance		Sustainable technologies and materials	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
NVIDIA G-SYNC *	✗		
AMD FreeSync *	✓		
AMD FreeSync type	FreeSync Premium		
VESA Adaptive Sync support	✓		
Flicker-free technology	✓	Carbon footprint	
Low Blue Light technology	✓	Total carbon footprint (kg of CO2e)	200
HP segment	Home	Carbon emissions, manufacturing (kg of CO2e)	136
Multimedia		Carbon emissions, logistics (kg of CO2e)	4
Built-in speaker(s) *	✗	Carbon emissions, end-of-life (kg of CO2e)	3
Built-in camera *	✗	Total carbon emissions, w/o use phase (kg of CO2e)	56
Design		Other features	
Market positioning *	Gaming	Country of origin	China
Product colour *	Black	Introduction month	2023
Detachable stand	✓	UNSPSC-code	43211902
Feet colour	Black	Weight	8.08 kg
Ports & interfaces		Height	364.3 mm
Built-in USB hub *	✓	Width	613.6 mm
HDMI *	✓	Depth	52.2 mm
HDMI ports quantity	2	Compliance certificates	CCC, CB, EAC, RoHS, BIS, Federal Communications Commission (FCC), CE, BSMI
HDMI version	2.0	Manufacturer warranty	1 year limited warranty
DisplayPorts quantity	1	Certification	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
DisplayPort version	1.4		
Audio output	✓		
Headphone out *	✓		
Headphone outputs	1		
Headphone connectivity	3.5 mm	Technical details	
HDCP	✓	General Product Safety Regulation (GPSR) URL	https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true
Ergonomics		Logistics data	
VESA mounting *	✓	Pallet dimensions (W x D x H)	1130 x 709 x 1926 mm
Panel mounting interface	100 x 100 mm	Pallet gross weight	327 kg
Cable lock slot *	✗		
Height adjustment *	✓		
Adjustable height (max)	10 cm		
Pivot	✓		
Pivot angle	90 - 90°		
Tilt adjustment	✓		
Tilt angle range	-5 - 20°		



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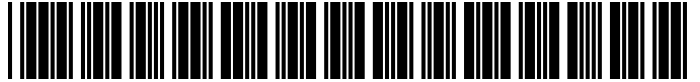
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