



HP OMEN 27 inch QHD 180Hz Gaming Monitor computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

Brand : HP

Product family: OMEN

Product code: AV4H6E9#ABB

Product name : OMEN 27 inch
QHD 180Hz Gaming Monitor



HP OMEN 27 inch QHD 180Hz Gaming Monitor. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LCD, Display surface: Matt, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. VESA mounting, Height adjustment. Product colour: Black

Display		Ports & interfaces	
Display diagonal *	68.6 cm (27")	HDCP	✓
Display resolution *	2560 x 1440 pixels	Ergonomics	
HD type *	Quad HD	VESA mounting *	✓
Native aspect ratio *	16:9	Panel mounting interface	100 x 100 mm
Display technology *	LCD	Cable lock slot *	✗
Panel type *	IPS	Height adjustment *	✓
LED backlight	✓	Adjustable height (max)	10 cm
Backlight type	Edge LED	Pivot	✓
Touchscreen *	✗	Tilt adjustment	✓
Display brightness (typical)	400 cd/m ²	Tilt angle range	-5 - 20°
Display brightness	400 cd/m ²	On Screen Display (OSD)	✓
Response time *	1 ms	Power	
Response time measurement type	GTG (Gray to Gray)	Energy efficiency class (SDR) *	F
Display surface	Matt	Energy efficiency class (HDR) *	F
Anti-glare screen	✓	Energy consumption (SDR) per 1000 hours *	25 kWh
Screen shape *	Flat	Energy consumption (HDR) per 1000 hours *	56 kWh
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), 1920 x 1200 (WUXGA), 2560 x 1440, 3840 x 2160, 640 x 480 (VGA), 720 x 400, 720 x 480, 720 x 576, 800 x 600 (SVGA)	Power consumption (typical) *	30 W
Aspect ratio	16:9	Power consumption (standby) *	0.29 W
Contrast ratio (typical) *	1000:1	Power consumption (max)	67 W
Contrast ratio (dynamic)	10000000:1	Power consumption (off)	0.3 W
Maximum refresh rate *	180 Hz	AC input voltage	100 - 240 V
Viewing angle, horizontal	178°	AC input frequency	50/60 Hz
Viewing angle, vertical	178°	Power supply type	Internal
Display number of colours *	16.7 million colours	Energy efficiency scale	A to G
Pixel pitch	0.2331 x 0.2331 mm	Operational conditions	
		Operating temperature (T-T)	5 - 35 °C
		Operating relative humidity (H-H)	5 - 95%
		Storage relative humidity (H-H)	20 - 80%

Display		Operational conditions	
Pixel density	109 ppi	Operating altitude	0 - 5000 m
Horizontal scan range	30 - 283 kHz	Non-operating altitude	0 - 12192 m
Vertical scan range	50 - 180 Hz	Weight & dimensions	
Viewable size, horizontal	59.7 cm	Width (with stand)	613.6 mm
Viewable size, vertical	33.6 cm	Depth (with stand)	223.3 mm
Display diagonal (metric)	68.6 cm	Height (with stand)	523.7 mm
High Dynamic Range (HDR) supported	✓	Weight (with stand)	7.33 kg
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 400	Width (without stand)	613.6 mm
Haze rate	25%	Depth (without stand)	52.2 mm
Surface hardness	3H	Height (without stand)	364.3 mm
Colour depth	8 bit	Weight (without stand)	5.29 kg
Colour gamut	95%	Packaging data	
Performance		Package width	699 mm
NVIDIA G-SYNC *	✗	Package depth	160 mm
AMD FreeSync *	✓	Package height	446 mm
AMD FreeSync type	FreeSync	Package weight	10.4 kg
Flicker-free technology	✓	Package type	Box
Low Blue Light technology	✓	Warranty card	✓
HP segment	Home	Packaging content	
Multimedia		Stand included	✓
Built-in camera *	✗	Cables included	DisplayPort
Design		Quick start guide	✓
Market positioning *	Gaming	Other features	
Product colour *	Black	Country of origin	China
Detachable stand	✓	UNSPSC-code	43211902
Feet colour	Black	Packaging content	Monitor; Warranty card; AC power cable; Quick Setup Poster; DisplayPort™ 1.4 cable; Cable holder; Base stand; Color calibration report
Ports & interfaces		Weight	7.33 kg
HDMI *	✓	Compliance certificates	CCC, CB, EAC, RoHS, BIS, Federal Communications Commission (FCC), CE, BSMI
HDMI ports quantity	2		
HDMI version	2.0		
DisplayPorts quantity	1		
DisplayPort version	1.4		
Headphone out *	✓		
Headphone outputs	1		
Headphone connectivity	3.5 mm		



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