



OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c

Brand : HP

Product family: OMEN by HP

Product code: 780K6AA

Product name : OMEN by HP
31.5 inch QHD 165Hz Curved
Gaming Monitor - OMEN 32c



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TAKE YOUR FUN UP A NOTCH

Reach new possibilities with the OMEN by HP 31.5-inch QHD 165Hz Curved 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 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c. Display diagonal: 80 cm (31.5"), 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		Power	
Display diagonal *	80 cm (31.5")	Energy efficiency class (SDR) *	F
Display resolution *	2560 x 1440 pixels	Energy efficiency class (HDR) *	F
HD type *	Quad HD	Energy consumption (SDR) per 1000 hours *	32 kWh
Native aspect ratio *	16:9	Energy consumption (HDR) per 1000 hours *	63 kWh
Display technology *	LCD	Power consumption (typical) *	45 W
Panel type *	VA	Power consumption (standby) *	0.5 W
LED backlight	✔	Power consumption (max)	70 W
Backlight type	Edge LED	Power consumption (off)	0.3 W
Touchscreen *	✘	AC input voltage	100 - 240 V
Display brightness (peak)	400 cd/m²	AC input frequency	50/60 Hz
Display brightness (typical)	400 cd/m²	Power supply type	Internal
Display brightness	400 cd/m²	Energy efficiency scale	A to G
Response time *	1 ms	Operational conditions	
Response time measurement type	GTG (Gray to Gray)		
Display surface	Matt		
Anti-glare screen	✔	Operating temperature (T-T)	5 - 35 °C
Screen shape *	Curved	Operating relative humidity (H-H)	20 - 80%
Screen curvature rating	1500R	Storage relative humidity (H-H)	20 - 80%
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, 640 x 480 (VGA), 720 x 400, 800 x 600 (SVGA)	Weight & dimensions	
		Width (with stand)	708.6 mm
		Depth (with stand)	243.3 mm
		Height (with stand)	612.6 mm
		Weight (with stand)	10.4 kg
Aspect ratio	16:9	Width (without stand)	708.6 mm
Contrast ratio (typical) *	3000:1	Depth (without stand)	98.2 mm
Contrast ratio (dynamic)	10000000:1	Height (without stand)	423.8 mm
Maximum refresh rate *	165 Hz	Packaging data	
Viewing angle, horizontal	178°	Package width	822 mm
Viewing angle, vertical	178°	Package depth	219 mm
Display number of colours *	16.7 million colours	Package height	521 mm
Pixel pitch	0.27 x 0.27 mm	Package weight	15.1 kg

Display		Packaging data	
Pixel density	92 ppi	Package type	Box
Horizontal scan range	30 - 255 kHz	Warranty card	✓
Vertical scan range	30 - 255 Hz	Packaging content	
Viewable size, horizontal	69.7 cm	Stand included	✓
Viewable size, vertical	39.2 cm	Cables included	DisplayPort, AC
Display diagonal (metric)	80 cm	Quick start guide	✓
High Dynamic Range (HDR) supported	✓	Bundled software	OMEN Gaming Hub
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 400	Sustainability	
Haze rate	40%	Sustainability compliance	✓
Surface hardness	3H	Sustainable technologies and materials	At least 85% ITE-derived closed loop plastic; Molded paper pulp cushion inside box is made of 100% recycled or certified sources; Low halogen; Outside box and corrugated cushions are made of 100% recycled or certified sources
Colour depth	8 bit		
Colour gamut standard	sRGB, DCI-P3		
Colour gamut	99%		
sRGB coverage (typical)	99%		
DCI-P3 coverage	90%	Carbon footprint	
Performance		Total carbon footprint (kg of CO2e)	162.545
NVIDIA G-SYNC *	✗	Carbon emissions, manufacturing (kg of CO2e)	149.212
AMD FreeSync *	✓	Carbon emissions, logistics (kg of CO2e)	1.914
AMD FreeSync type	FreeSync Premium	Carbon emissions, end-of-life (kg of CO2e)	2.352
Flicker-free technology	✓	Total carbon emissions, w/o use phase (kg of CO2e)	9.067
Low Blue Light technology	✓	Other features	
HP segment	Home	Country of origin	China
Multimedia		Introduction year	2023
Built-in camera *	✗	UNSPSC-code	43211902
Design		Weight	10.4 kg
Market positioning *	Gaming	Height	423.8 mm
Product colour *	Black	Width	708.6 mm
Detachable stand	✓	Depth	98.2 mm
Feet colour	Black	Compliance certificates	CCC, CB, EAC, RoHS, BIS, Federal Communications Commission (FCC), CE, BSMI
Ports & interfaces		Manufacturer warranty	1 year limited warranty
HDMI *	✓	Low halogen	✓
HDMI ports quantity	2	Certification	BIS; BSMI; CB; CCC; CE; CEL; CSA; EAC; FCC; ISO 9241-307; KC/KCC; NOM; PSB; TUV Bauart; TUV LBL; VCCI; 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
HDMI version	2.0		
DisplayPorts quantity	1		
DisplayPort version	1.4		
Audio output	✓		
Headphone out *	✓	Technical details	
Headphone outputs	1	General Product Safety Regulation (GPSR) URL	https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true
Headphone connectivity	3.5 mm	Logistics data	
HDCP	✓	Pallet dimensions (W x D x H)	1105 x 832 x 2226 mm
Ergonomics		Pallet gross weight	324.3 kg
VESA mounting *	✓		
Panel mounting interface	100 x 100 mm		
Cable lock slot *	✗		
Height adjustment *	✓		
Adjustable height (max)	10 cm		
Tilt adjustment	✓		
Tilt angle range	-5 - 20°		
On Screen Display (OSD)	✓		



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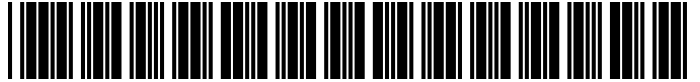
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