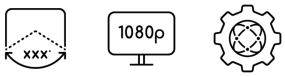
HP OMEN AV4K1E9#ABB computer monitor 68.6 cm (27") 1920 x 1080 pixels Full HD LCD Black



Brand : HP **Product family:** OMEN **Product code:** AV4K1E9#ABB

Product name : AV4K1E9#ABB

HP OMEN AV4K1E9#ABB. 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°. VESA mounting, Height adjustment. Product colour: Black



Display	
Display diagonal *	68.6 cm (27")
Display resolution *	1920 x 1080 pixels
HD type *	Full HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	IPS
LED backlight	✔
Backlight type	Edge LED
Touchscreen *	✘
Display brightness (typical)	400 cd/m²
Display brightness	400 cd/m²
Response time *	1 ms
Response time measurement type	GTG (Gray to Gray)
Display surface	Matt
Anti-glare screen	✔
Screen shape *	Flat
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), 3840 x 2160, 640 x 480 (VGA), 720 x 400, 720 x 480, 720 x 576, 800 x 600 (SVGA)
Aspect ratio	16:9
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	10000000:1
Maximum refresh rate *	180 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.3108 x 0.3108 mm
Pixel density	82 ppi
Horizontal scan range	30 - 215 kHz
Vertical scan range	50 - 180 Hz

Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Height adjustment *	✔
Adjustable height (max)	10 cm
Pivot	✔
Pivot angle	-90 - 90°
Tilt adjustment	✔
Tilt angle range	-5 - 20°
On Screen Display (OSD)	✔

Power	
Energy efficiency class (SDR) *	E
Energy efficiency class (HDR) *	E
Energy consumption (SDR) per 1000 hours *	19 kWh
Energy consumption (HDR) per 1000 hours *	45 kWh
Power consumption (typical) *	25 W
Power consumption (standby) *	0.3 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
Energy efficiency scale	A to G

Operational conditions	
Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	5 - 95%
Storage relative humidity (H-H)	20 - 80%
Operating altitude	0 - 5000 m
Non-operating altitude	0 - 12192 m
Non-operating relative humidity (non-condensing)	20 - 80%

Display	
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	68.6 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 400
Haze rate	25%
Surface hardness	3H
Colour depth	8 bit
Colour gamut	95%

Performance	
NVIDIA G-SYNC *	✘
AMD FreeSync *	✔
AMD FreeSync type	FreeSync
Flicker-free technology	✔
Low Blue Light technology	✔
HP segment	Home

Multimedia	
Built-in speaker(s) *	✘
Built-in camera *	✘

Design	
Market positioning *	Gaming
Product colour *	Black
Colour name	Black
Detachable stand	✔
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✘
HDMI *	✔
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
HDCP	✔

Weight & dimensions	
Width (with stand)	613.6 mm
Depth (with stand)	223.3 mm
Height (with stand)	523.7 mm
Weight (with stand)	8.05 kg
Width (without stand)	613.6 mm
Depth (without stand)	52.2 mm
Height (without stand)	364.3 mm
Weight (without stand)	6.01 kg

Packaging data	
Package width	699 mm
Package depth	160 mm
Package height	446 mm
Package weight	11.3 kg
Package type	Box
Warranty card	✔

Packaging content	
Cables included	DisplayPort
Quick start guide	✔

Sustainability	
Sustainability compliance	✔
Sustainable technologies and materials	At least 5% recycled metal; Contains 20% recycled glass in the monitor panel; HP paper-based packaging is from recycled or certified sources; At least 85% post-consumer recycled plastic; Low halogen

Other features	
Country of origin	China
UNSPSC-code	43211902
Packaging content	Monitor; Warranty card; AC power cable; Quick Setup Poster; DisplayPort 1.4 cable; Cable holder; Base stand; Color calibration report
Weight	8.05 kg
Compliance certificates	CCC, CB, EAC, RoHS, BIS, Federal Communications Commission (FCC), CE, BSMI
Low halogen	✔



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