



Product code: 780D9AA#UUG

Display

Display diagonal *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
HD type *	Full HD
Native aspect ratio *	16:9
Panel type *	IPS
Backlight type	Edge LED
Touchscreen *	✗
Display brightness (typical)	300 cd/m²
Response time *	1 ms
Anti-glare screen	✓
Screen shape *	Flat
Supported graphics resolutions	640 x 480 (VGA), 720 x 400, 800 x 600 (SVGA), 1024 x 768 (XGA), 1280 x 1024 (SXGA), 1280 x 720 (HD 720), 1280 x 800 (WXGA), 1440 x 900, 1600 x 900, 1680 x 1050 (WSXGA+), 1920 x 1080 (HD 1080)
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	10000000:1
Maximum refresh rate *	165 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.28 x 0.28 mm
Pixel density	93 ppi
Horizontal scan range	30 - 210 kHz
Vertical scan range	60 - 165 Hz
Viewable size, horizontal	52.7 cm
Viewable size, vertical	29.6 cm
Display diagonal (metric)	60.5 cm
Haze rate	25%
Surface hardness	3H
Colour depth	8 bit
sRGB coverage (typical)	99%

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 - 23°

Energy efficiency class (SDR) *	E
Energy consumption (SDR) per 1000 hours *	18 kWh
Power consumption (typical) *	25 W
Power consumption (standby) *	0.5 W
Power consumption (max)	40 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G

Operating temperature (T-T)	5 - 35 °C
Operating relative humidity (H-H)	5 - 95%
Storage relative humidity (H-H)	20 - 80%

Width (with stand)	539.4 mm
Depth (with stand)	198.3 mm
Height (with stand)	465.3 mm
Weight (with stand)	6.35 kg
Width (without stand)	539.4 mm
Depth (without stand)	52 mm
Height (without stand)	321.5 mm

Performance		Packaging data	
NVIDIA G-SYNC *	✗	Package width	595 mm
AMD FreeSync *	✓	Package depth	164 mm
AMD FreeSync type	FreeSync Premium	Package height	407 mm
VESA Adaptive Sync support	✓	Package weight	9.33 kg
Flicker-free technology	✓	Packaging content	
HP segment	Home	Stand included	✓
Multimedia		Cables included	AC, DisplayPort
Built-in speaker(s) *	✗	Bundled software	HP Display Center
Built-in camera *	✗	Other features	
Design		Country of origin	China
Market positioning *	Gaming	Weight	6.35 kg
Product colour *	Black	Height	321.5 mm
Detachable stand	✓	Width	539.4 mm
Feet colour	Black	Depth	52 mm
Ports & interfaces		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
Built-in USB hub *	✗		
HDMI *	✓		
HDMI ports quantity	2		
HDMI version	2.0		
DisplayPorts quantity	1		
DisplayPort version	1.4		
Audio output	✓		
Headphone out *	✗		
Headphone connectivity	3.5 mm		
HDCP	✓		



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