

## Philips Evnia 32M2N6800M/00 computer monitor 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD LCD Black

**Brand :** Philips

**Product family:** Evnia

**Product code:**  
32M2N6800M/00

**Product name :**  
32M2N6800M/00

Gaming Monitor 32M2N6800M 4K UHD gaming monitor

Philips Evnia 32M2N6800M/00 computer monitor 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD LCD Black:

This monitor transforms your gaming experience with showstopping visuals. With its DisplayHDR 1000 certification and 144Hz refresh rate, imagery is crisp and vibrant and is designed for any type of gameplay.

Philips Evnia 32M2N6800M/00. Display diagonal: 80 cm (31.5"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LCD, 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 *	80 cm (31.5")	VESA mounting *	✓
Display resolution *	3840 x 2160 pixels	Panel mounting interface	100 x 100 mm
HD type *	4K Ultra HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LCD	Height adjustment *	✓
Panel type *	IPS	Height adjustment	13 cm
Touchscreen *	✗	Swivelling	✓
Display brightness (peak)	1250 cd/m²	Swivel angle range	-30 - 30°
Display brightness (typical)	700 cd/m²	Tilt adjustment	✓
Response time *	1 ms	Tilt angle range	-5 - 20°
Anti-glare screen	✓	On Screen Display (OSD)	✓
Screen shape *	Flat	On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Contrast ratio (typical) *	1000:1		
Dynamic contrast ratio marketing name	Mega Infinity DCR		
Maximum refresh rate *	144 Hz		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°	Power	
Display number of colours *	1.07 billion colours	Energy efficiency class (SDR) *	G
Pixel pitch	0.1818 x 0.1818 mm	Energy efficiency class (HDR) *	G
Pixel density	140 ppi	Energy consumption (SDR) per 1000 hours *	70 kWh
Horizontal scan range	30 - 255 kHz	Energy consumption (HDR) per 1000 hours *	88 kWh
Vertical scan range	48 - 144 Hz	Power consumption (typical) *	50.86 W
Viewable size, horizontal	69.8 cm	Power consumption (standby) *	0.5 W
Viewable size, vertical	39.3 cm	Power consumption (off)	0.3 W
Display diagonal (metric)	80 cm	AC input voltage	100 - 240 V
High Dynamic Range (HDR) supported	✓	AC input frequency	50/60 Hz
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 1000	Power supply type	Internal
DDC/CI	✓	Energy efficiency scale	A to G
Haze rate	25%		

Display		Operational conditions	
Surface hardness	3H	Operating temperature (T-T)	0 - 40 °C
Colour depth	8 bit	Storage temperature (T-T)	-20 - 60 °C
Colour gamut standard	DCI-P3	Operating relative humidity (H-H)	20 - 80%
Colour gamut	99.5%	Operating altitude	0 - 3658 m
sRGB coverage (typical)	100%	Non-operating altitude	3658 - 12192 m
NTSC coverage (typical)	129%	Weight & dimensions	
Performance		Width (with stand)	715 mm
NVIDIA G-SYNC *	✗	Depth (with stand)	311 mm
AMD FreeSync *	✗	Height (with stand)	612 mm
Fast charging	✓	Weight (with stand)	9.3 kg
VESA Adaptive Sync support	✓	Width (without stand)	715 mm
Flicker-free technology	✓	Depth (without stand)	72 mm
Low Blue Light technology	✓	Height (without stand)	426 mm
Design		Weight (without stand)	7.4 kg
Market positioning *	Gaming	Packaging data	
Product colour *	Black	Package width	930 mm
Ports & interfaces		Package depth	226 mm
Built-in USB hub *	✓	Package height	526 mm
Number of USB Type-B upstream ports quantity	1	Package weight	12.2 kg
USB Type-A downstream ports quantity	3	Packaging content	
HDMI *	✓	Stand included	✓
HDMI ports quantity	2	Cables included	DisplayPort, HDMI, Power, USB Type-C
HDMI version	2.1	Other features	
DisplayPorts quantity	1	Brand specific technologies	Crosshair
DisplayPort version	1.4	Low input lag	✓
Audio output	✓	Compatible operating systems	Mac OS X sRGB Windows 11 / 10
HDCP	✓	Recyclable packaging material	100%
HDCP version	1.4/2.2	Mean time between failures (MTBF)	50000 h



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