Philips Evnia 8000 32M2N8900/00 computer monitor 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD QDOLED White

Brand : Philips   **Product family:** Evnia   **Product code:** 32M2N8900/00

Product name :
32M2N8900/00

4K UHD gaming monitor 32M2N8900 QD OLED gaming monitor

Philips Evnia 8000 32M2N8900/00 computer monitor 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD QDOLED White:

This monitor produces incredible visuals. Its QD OLED panel is matched with 4K UHD resolution and Display HDR TrueBlack 400 certification, which makes it an absolute powerhouse of visual quality, even at 240Hz.
Philips Evnia 8000 32M2N8900/00. Display diagonal: 80 cm (31.5"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QDOLED, Response time: 0.03 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: White

Display

Display diagonal *	80 cm (31.5")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	QDOLED
Panel type *	OLED
Display brightness (peak)	1000 cd/m²
Display brightness (typical)	250 cd/m²
Response time *	0.03 ms
Response time measurement type	GTG (Gray to Gray)
Anti-glare screen	✓
Screen shape *	Flat
Contrast ratio (typical) *	1500000:1
Dynamic contrast ratio marketing name	Mega Infinity DCR
Maximum refresh rate *	240 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Pixel pitch	0.1814 x 0.1814 mm
Pixel density	139.87 ppi
Horizontal scan range	30 - 510 kHz
Vertical scan range	48 - 240 Hz
Viewable size, horizontal	69.9 cm
Viewable size, vertical	39.5 cm
Display diagonal (metric)	80 cm
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black
DDC/CI	✓
Surface hardness	2H
Colour depth	10 bit
Colour gamut standard	DCI-P3
Colour gamut	99%
sRGB coverage (typical)	147.5%

Ports & interfaces

USB Power Delivery	✓
USB Power Delivery up to	65 W
HDMI *	✓
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Audio output	✓
HDCP	✓
HDCP version	1.4/2.2

Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✓
Height adjustment	13 cm
Swivelling	✓
Swivel angle range	-30 - 30°
Tilt adjustment	✓
Tilt angle range	-5 - 20°
On Screen Display (OSD)	✓
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Turkish, Ukrainian

Power

Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	55 kWh
Energy consumption (HDR) per 1000 hours *	60 kWh
Power consumption (typical) *	130.9 W

Display

NTSC coverage (typical)	120%
Adobe RGB coverage	118%

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium Pro
VESA Adaptive Sync support	✔
Component video sync	Separate sync
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia

Number of speakers	2
RMS rated power	10 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design

Market positioning *	Gaming
Product colour *	White

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
Number of USB Type-B upstream ports quantity	1
USB Type-A downstream ports quantity	4
USB Type-C downstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	✔

Power

Power consumption (standby) *	0.5 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	3658 - 12192 m

Weight & dimensions

Width (with stand)	717 mm
Depth (with stand)	200 mm
Height (with stand)	572 mm
Weight (with stand)	9.65 kg
Width (without stand)	717 mm
Depth (without stand)	92 mm
Height (without stand)	419 mm
Weight (without stand)	8.18 kg

Packaging data

Package width	840 mm
Package depth	160 mm
Package height	510 mm
Package weight	13.7 kg

Packaging content

Stand included	✔
Cables included	DisplayPort, HDMI, Power, USB Type-C
Manual	✔

Sustainability

Doesn't contain	Mercury, PVC/BFR

Other features

Low input lag	✔

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