

## Philips Evnia 8000 49M2C8900/00 computer monitor 124.2 cm (48.9") 5120 x 1440 pixels Dual QHD QD-OLED White



**Brand :** Philips

**Product family:** Evnia

**Product code:** 49M2C8900/00

**Product name :**  
49M2C8900/00

Gaming Monitor 49M2C8900 QD OLED gaming monitor

Philips Evnia 8000 49M2C8900/00 computer monitor 124.2 cm (48.9") 5120 x 1440 pixels Dual QHD QD-OLED White:

Elevate your gaming experience with this monitor's incredible contrast-producing QD OLED display, 32:9 Curved SuperWide screen, and exclusive Ambiglow feature so you can set the mood of the room for each game.

Philips Evnia 8000 49M2C8900/00. Display diagonal: 124.2 cm (48.9"), Display resolution: 5120 x 1440 pixels, HD type: Dual QHD, Display technology: QD-OLED, Response time: 0.03 ms, Native aspect ratio: 32:9, 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		Ports & interfaces	
Display diagonal *	124.2 cm (48.9")	HDCP	✓
Display resolution *	5120 x 1440 pixels	HDCP version	1.4/2.2/2.3
HD type *	Dual QHD	<b>Ergonomics</b>	
Native aspect ratio *	32:9	VESA mounting *	✓
Display technology *	QD-OLED	Panel mounting interface	100 x 100 mm
Panel type *	OLED	Cable lock slot *	✓
Touchscreen *	✗	Cable lock slot type	Kensington
Display brightness (peak)	1000 cd/m <sup>2</sup>	Height adjustment *	✓
Display brightness (typical)	250 cd/m <sup>2</sup>	Height adjustment	12 cm
Response time *	0.03 ms	Swivelling	✓
Anti-glare screen	✓	Swivel angle range	-20 - 20°
Screen shape *	Curved	Tilt angle range	-5 - 15°
Screen curvature rating	1800R	Picture-in-Picture	✓
Contrast ratio (typical) *	1500000:1	On Screen Display (OSD)	✓
Dynamic contrast ratio marketing name	Mega Infinity DCR	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
Maximum refresh rate *	240 Hz	Number of OSD languages	21
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°	LED indicators	Operation, Stand-by
Display number of colours *	1.07 billion colours	<b>Power</b>	
Pixel pitch	0.233 x 0.233 mm	Energy efficiency class (SDR) *	G
Pixel density	108.77 ppi	Energy efficiency class (HDR) *	G
Horizontal scan range	30 - 388 kHz	Energy consumption (SDR) per 1000 hours *	65 kWh
Vertical scan range	48 - 240 Hz	Energy consumption (HDR) per 1000 hours *	85 kWh
Viewable size, horizontal	119.7 cm	Power consumption (typical) *	163.35 W
Viewable size, vertical	33.9 cm	Power consumption (standby) *	0.5 W
Display diagonal (metric)	124.3 cm	Power consumption (off)	0.3 W
High Dynamic Range (HDR) supported	✓	AC input voltage	100 - 240 V
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black	AC input frequency	50/60 Hz
DDC/CI	✓	Power supply type	Internal
Haze rate	25%	Energy efficiency scale	A to G
Surface hardness	2H		
Colour depth	10 bit		
Colour gamut standard	DCI-P3		
Colour gamut	99%		
sRGB coverage (typical)	153.1%		

<b>Display</b>		<b>Power</b>	
NTSC coverage (typical)	127.4%	European Product Registry for Energy Labelling (EPREL) code	1644071
Adobe RGB coverage	125.2%	<b>Operational conditions</b>	
DCI-P3 coverage	99%	Operating temperature (T-T)	0 - 40 °C
Display sRGB	✓	Storage temperature (T-T)	-20 - 60 °C
<b>Performance</b>		Operating relative humidity (H-H)	20 - 80%
NVIDIA G-SYNC *	✓	Operating altitude	0 - 3658 m
NVIDIA G-SYNC type	G-SYNC Compatible	Non-operating altitude	3658 - 12192 m
AMD FreeSync *	✓	<b>Weight &amp; dimensions</b>	
AMD FreeSync type	FreeSync Premium Pro	Width (with stand)	1195 mm
Ambient lighting type	3-sided	Depth (with stand)	359 mm
Fast charging	✓	Height (with stand)	544 mm
Fast charging technology	Power Delivery 3.0	Weight (with stand)	14 kg
VESA Adaptive Sync support	✓	Width (without stand)	1195 mm
Component video sync	Separate sync	Depth (without stand)	181 mm
Flicker-free technology	✓	Height (without stand)	369 mm
Low Blue Light technology	✓	Weight (without stand)	10.8 kg
<b>Multimedia</b>		<b>Packaging data</b>	
Number of speakers	4	Package width	1290 mm
RMS rated power	30 W	Package depth	475 mm
Built-in speaker(s) *	✓	Package height	300 mm
Audio decoders	DTS	Package weight	19.4 kg
Built-in camera *	✗	<b>Packaging content</b>	
<b>Design</b>		Stand included	✓
Market positioning *	Gaming	Cables included	AC, DisplayPort, HDMI, USB, USB Type-C to USB Type-C
Product colour *	White	Manual	✓
<b>Ports &amp; interfaces</b>		<b>Sustainability</b>	
Built-in USB hub *	✓	Sustainability compliance	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Doesn't contain	Mercury, PVC/BFR
USB upstream port type	USB Type-B	<b>Other features</b>	
Number of upstream ports	1	Low input lag	✓
Number of USB Type-B upstream ports quantity	1	Compatible operating systems	Mac OS X Windows 11/10/8.1/8
USB Type-A downstream ports quantity	4	Picture-by-Picture (PbP)	✓
USB Type-C DisplayPort Alternate Mode	✓	Exterior finish type	Textured
USB Power Delivery (USB PD)	✓	Picture enhancement	SmartImage game
USB Power Delivery up to	90 W	Sound enhancement technology	DTS Sound
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity	2	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV/ISO9241-307; TUV-BAUART; cETLus
HDMI version	2.1	Heavy metals free	Hg (mercury)
DisplayPorts quantity	1	Speakers	7.5 W x 2 tweeters, 7.5 W x 2 woofers with flow port
DisplayPort version	1.4	Delta E	2
Headphone out *	✓	EasyRead mode	✓
Built-in KVM switch	✓	LowBlue mode	✓
		Compliance certificates	RoHS
		Mean time between failures (MTBF)	30000 h



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