PHILIPS

Philips Evnia 8000 49M2C8900L/00 computer monitor 124.2 cm (48.9") 5120 x 1440 pixels Dual QHD QDOLED White

Brand : Philips

Product name :
49M2C8900L/00

Product family: Evnia

Product code: 49M2C8900L/00

Gaming Monitor 49M2C8900L QD OLED gaming monitor

Philips Evnia 8000 49M2C8900L/00 computer monitor 124.2 cm (48.9") 5120 x 1440 pixels Dual QHD QDOLED White:

Experience luxurious gaming with this monitor's colourful QD OLED display, incredible DisplayHDR™ TrueBlack 400 certification and booming DTS Sound™ speakers. This monitor is likely to give you a gaming escapade that's hard to forget.
Philips Evnia 8000 49M2C8900L/00. Display diagonal: 124.2 cm (48.9"), Display resolution: 5120 x 1440 pixels, HD type: Dual QHD, Display technology: QDOLED, 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. VESA mounting, Height adjustment. Product colour: White

Display

Display diagonal *	124.2 cm (48.9")
Display resolution *	5120 x 1440 pixels
HD type *	Dual QHD
Native aspect ratio *	32:9
Display technology *	QDOLED
Panel type *	OLED
Touchscreen *	✘
Display brightness (peak)	1000 cd/m²
Display brightness (typical)	250 cd/m²
Response time	0.03 ms
Anti-glare screen	✔
Screen shape *	Curved
Screen curvature rating	1800R
Contrast ratio (typical) *	1000000:1
Dynamic contrast ratio marketing name	Mega Infinity DCR
Maximum refresh rate *	144 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Pixel pitch	0.233 x 0.233 mm
Pixel density	108.77 ppi
Vertical scan range	48 - 144 Hz
Viewable size, horizontal	119.7 cm
Viewable size, vertical	33.9 cm
Display diagonal (metric)	124.3 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black

Ports & interfaces

HDCP version	1.4/2.2/2.3

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Height adjustment	12 cm
Swivelling	✔
Swivel angle range	-20 - 20°
Tilt angle range	-5 - 15°
Picture-in-Picture	✔
On Screen Display (OSD)	✔
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
Number of OSD languages	21
Plug and Play	✔
LED indicators	Operation, Stand-by

Power

Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Power consumption (typical) *	156.5 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz

Display

DDC/CI	✔
Surface hardness	2H
Colour depth	10 bit
Colour gamut standard	DCI-P3
Colour gamut	99%
sRGB coverage (typical)	153.1%
NTSC coverage (typical)	127.4%
Adobe RGB coverage	125.2%
Display sRGB	✔

Performance

AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium Pro
Ambient lighting type	3-sided
Fast charging	✔
Fast charging technology	Power Delivery 3.0
VESA Adaptive Sync support	✔
Component video sync	Separate sync
Flicker-free technology	✔
Low Blue Light technology	✔
Low input lag	✔
Compatible operating systems	Mac OS X Windows 11/10/8.1/8

Multimedia

Built-in speaker(s) *	✔
Built-in camera *	✘
Number of speakers	4
RMS rated power	30 W
Audio decoders	DTS

Design

Market positioning *	Gaming
Product colour *	White
Heavy metals free	Hg (mercury)

Ports & interfaces

Built-in USB hub *	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔
USB Power Delivery up to	90 W
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Audio output	✔
Built-in KVM switch	✔
HDCP	✔

Power

Power supply type	Internal

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

Packaging content

Stand included	✔
Cables included	AC, DisplayPort, HDMI, USB, USB Type-C to USB Type-C
Remote control included	✔
Manual	✔

Weight & dimensions

Width (with stand)	1195 mm
Depth (with stand)	359 mm
Height (with stand)	544 mm
Weight (with stand)	14 kg
Width (without stand)	1195 mm
Depth (without stand)	181 mm
Height (without stand)	369 mm
Weight (without stand)	10.8 kg

Packaging data

Package width	1290 mm
Package depth	475 mm
Package height	300 mm
Package weight	19.4 kg

Sustainability

Sustainability compliance	✔
Sustainability certificates	RoHS
Doesn't contain	Mercury, PVC/BFR

Technical details

Compliance certificates	RoHS

Other features

DCI-P3 coverage	99%
Picture-by-Picture (PbP)	✔
Exterior finish type	Textured
Picture enhancement	SmartImage game
Sound enhancement technology	DTS
Recyclable packaging material	100%
Regulatory Approvals	CB, CE mark, FCC Class B, ICES-003, TUV/ISO9241-307, TUV-BAUART, EAC
Speakers	7.5 W x 2 tweeters, 7.5 W x 2 woofers with airflow vents
Delta E	2
LowBlue mode	✔
Mean time between failures (MTBF)	30000 h

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