PHILIPS

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

Brand : Philips Product family: Evnia Product code: 49M2C8900L/00

Product name: 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 QD-OLED White:

Experience luxurious gaming with this monitor's colorful QD OLED display, incredible DisplayHDR $^{\text{TM}}$ TrueBlack 400 certification, and booming DTS Sound $^{\text{TM}}$ 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: 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. VESA mounting, Height adjustment. Product colour: White





Display number of colours * 1.07 billion colours 1.08.77 ppi 108.77 ppi 108.77 ppi 108.77 ppi 108.77 ppi 109. and Play Vertical scan range Viewable size, horizontal Viewable size, vertical 119.7 cm Viewable size, vertical 119.7 cm Power Interpretation (BDR) * G Int	Display		Ports & interfaces	
HD type * Dual QHD Native aspect ratio * 32-9 Native aspect ratio * QD-OLED Native size, portion to the state of the part of the	Display diagonal *	124.2 cm (48.9")	HDCP	✓
Native aspect ratio * 32:9 Display technology * QD-OLED	Display resolution *	5120 x 1440 pixels	HDCP version	1.4/2.2/2.3
Native aspect ratio * 32:9 Panel type * OLED Panel type * OLED Panel type * OLED Panel mounting interface 100 x 100 mm Touchscreen * X Cable lock slot * ✓ Cable lock slot * ✓ Cable lock slot * ✓ Cable lock slot type Response time * 0.03 ms Height adjustment * ✓ Cable lock slot type Response time * 0.03 ms Height adjustment * 12 cm Anti-glare screen ✓ Swivelling ✓ Carred Swivelling ✓ Cable lock slot type Screen curvature rating 1800 R Tilt angle range - 20 - 20 ° Carred Screen curvature rating 1800 R Tilt angle range - 20 - 20 ° Carred Screen curvature rating (typical) * 1000000:1 Picture-in-Picture ✓ Cable lock slot type Maximum refresh rate * 144 Hz Viewing angle, horizontal 178° Viewing angle, horizontal 178° Viewing angle, vertical 178° Viewing angle, vertical 178° Pixel density 108.77 ppi Pixel plitch 0.233 x 0.233 mm Number of OSD languages Vertical Scan range 48 - 144 Hz Viewiable size, horizontal 119.7 cm Viewable size, horizontal 119.7 cm Viewable size, horizontal 119.7 cm Viewable size, vertical 33.9 cm Display diagonal (metric) 124.3 cm Energy efficiency class (SDR) * General Scholl Pixel Chinese, Careck Chinese, Carec	· ·		Ergonomics	
Display technicitys QU-OLED Panel mounting interface 100 x 100 mm Touchscreen X Cable lock slot Y Display brightness (peak) 1000 cd/m² Cable lock slot type Kensington Display brightness (typical) 250 cd/m² Height adjustment Y Response time N O.03 ms Height adjustment 12 cm Anti-glare screen Y Swivelling Y Screen shape Curved Swivel angle range -20 - 20° Screen curvature rating 1800R Tilt angle range -5 - 15° Screen curvature rating 1000000:1 Picture-in-Picture Y Dynamic contrast ratio marketing name 144 Hz Swivel angle range Simplified Chinese, Traditional Chinese Cacch, German, Dutch, Inglish, Spanish, Flinish, French, Swiveling angle, vertical 178° On Screen Display (OSD) languages Swedish, Turkish, Ukrainian Display number of colours 10.07 billion colours Plug and Play Y Vertical scan range 48 - 144 Hz LED indicators Department of Stand-by Viewable size, horizontal 119.7 cm Power Viewable size, vertical 33.9 cm Secondary 55.5 kWh Viewable size vertical 34.5 cm 55.5 kWh Viewable size vertical 35.5	•			d
Touchscreen * X Cable lock slot * V * V * V * V * V * V * V * V * V *	. ,	•	· ·	
Display brightness (peak) 1000 cd/m² Cable lock slot type Kensington Display brightness (typical) 250 cd/m² Height adjustment * ✓ Response time * 0.03 ms Height adjustment * ✓ Swivelling ✓ Screen Shape * Curved Swivelling ✓ Screen shape * Curved Swivel angle range -20 - 20° Screen curvature rating 1800R Tilt angle range -5 - 15° Contrast ratio (typical) * 1000000:1 Picture-in-Picture ✓ Dynamic contrast ratio marketing ame Maximum refresh rate * 144 Hz Viewing angle, horizontal 178° Display number of colours * 1.07 billion colours Dixel pitch 0.233 x 0.233 mm Pixel density 108.77 ppi Plug and Play ✓ Viewable size, horizontal 19.7. cm Display diagonal (metric) 124.3 cm Display diagonal (metric) 124.3 cm Display diagonal (metric) 124.3 cm Display pramic Range (HDR) technology DDC/Cl Surface hardness 2H Colour gamut standard DCLP3 Colour gamut standard DCLP3 Colour gamut standard DCLP3 Colour gamut standard DCLP3 Cable lock slot type Height adjustment * ✓ Semiplified dChinese, Traditional Chinese, Czech, German, Dutch, Forest, Greek, Hungarian, Italian, Japanese Swedish, Turkish, Ukrainian Palayese Swedish, Turkish, U			•	
Display brightness (typical) 250 cd/m² Height adjustment *	Touchscreen *			
Response time * 0.03 ms Height adjustment 12 cm Anti-glare screen		1000 cd/m²	2.	•
Anti-glare screen Screen shape * Curved Swivel angle range -20 - 20° Screen curvature rating 1800R Tilt angle range -5 - 15° Screen curvature rating 100000:1 Picture-in-Picture Poynamic contrast ratio (typical) * Dynamic contrast ratio marketing name Maximum refresh rate * 144 Hz Viewing angle, horizontal Viewing angle, vertical Display number of colours * Display diagonal (metric) Display DDC/CI Surface hardness Display HDR 400 True Black Echnology DDC/CI Power Colour depth Colour gamut DCL-P3 Power consumption (typical) * DOC -240 V Colour gamut DECLAR SWING SWING SWING SINGLE AND SI	Display brightness (typical)	250 cd/m ²	Height adjustment *	
Screen shape * Curved Swivel angle range -20 - 20° Screen curvature rating 1800R Tilt angle range -5 - 15° Screen curvature rating 1800R Tilt angle range -5 - 15° Contrast ratio (typical) * 1000000:1 Picture-in-Picture	Response time *	0.03 ms	• •	
Screen curvature rating 1800R Tilt angle range -5 - 15° Contrast ratio (typical) * 1000000:1 Picture-in-Picture	Anti-glare screen	✓	Swivelling	✓
Contrast ratio (typical) * 1000000:1 Picture-in-Picture	Screen shape *	Curved	Swivel angle range	-20 - 20°
Dynamic contrast ratio marketing name Maximum refresh rate * 144 Hz Viewing angle, horizontal 178° Viewing angle, vertical 178° Display number of colours * 1.07 billion colours Dixel plitch 1987 ppi 1997 ppi 1997 per 1908 play (OSD) languages 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) supported DisplayHDR 400 True Black technology DDC/CI Surface hardness Clour depth Clour gamut standard Colour gamut standard Display diagonal (DCI-P3 Colour gamut standard Cleir and Att Hz Lex Display (OSD) languages Simplified Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanes Korean, Polish, Portuguese, Russia Swedish, Turkish, Ukrainian Pizzanes Korean, Polish, Portuguese, Russia Swedish, Turkish, Ukrainian Pizzanese, Swedish, Turkish, Ukrainian, Pizzanese, Swedish, Turkish, Ukrainian, Pizzanese, Swedish, Turkish, Ukrainian, Pizzanese, Swedish, Turkish, Ukraini	Screen curvature rating	1800R	Tilt angle range	-5 - 15°
name Maximum refresh rate * 144 Hz Viewing angle, horizontal 178° Display number of colours * 1.07 billion colours Pixel pitch Viewing sarge, horizontal 198° Viewable size, horizontal 1997 cm Display diagonal (metric) 124.3 cm High Dynamic Range (HDR) supported High Dynamic Range (HDR) technology DDC/Cl Surface hardness Colour depth Colour gamut standard Colour servance 144 Hz 144 Hz 145 Ala Hz 145 Ala Hz 146 Ala Hz 147 Ala Hz 148 Ala Hz 148 Ala Hz 149 Ala Hz 149 Ala Hz 140 Ala H	Contrast ratio (typical) *	1000000:1	Picture-in-Picture	✓
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 108.77 ppi 109.70 Plug and Play 119.7 cm 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 DDC/Cl Surface hardness 2H Colour depth 10 bit Power consumption (stpn) (SDR) per 1000 Colour gamut standard DCI-P3 Colour gamut Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanes Korean, Polish, Portuguese, Russia Swedish, Turkish, Ukrainian Pixel density 21 Plug and Play 21 Plug and Play 22 Power LED indicators Operation, Stand-by 39% Power Energy efficiency class (SDR) 6 Energy efficiency class (SDR) 6 Energy consumption (SDR) per 1000 hours 8 Energy consumption (HDR) per 1000 hours 8 Energy consumption (HDR) per 1000 hours 8 Energy consumption (typical) 156.5 W Oo 5 W Colour depth 10 bit Power consumption (standby) 0.3 W Colour gamut Standard DCI-P3 Colour gamut Voltage 1000 - 240 V		Mega Infinity DCR	On Screen Display (OSD)	
Pixel density Vertical scan range Vertical scan range Viewable size, horizontal Viewable size, vertical Display diagonal (metric) High Dynamic Range (HDR) supported High Dynamic Range (HDR) For Supported High Dynamic Range (HDR) For Supported High Dynamic Range (HDR) Supported High Dynamic Range (HDR) For Supported High Dynamic Range (HDR) For Supported For S	Viewing angle, horizontal Viewing angle, vertical	178° 178°	On Screen Display (OSD) languages	Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian,
Vertical scan range Viewable size, horizontal Viewable size, vertical Display diagonal (metric) High Dynamic Range (HDR) supported High Dynamic Range (HDR) For the chnology DisplayHDR 400 True Black For the consumption (SDR) per 1000 DisplayHDR 400 True Black For the consumption (HDR) per 1000 hours * For the consumption (SDR) per 1000 hours * For the consumption (HDR) per 1000 hours * For the consumption (SDR) per 1000 hours * For the consumption (HDR) per 1000 hours * For the consumpt	Pixel pitch	0.233 x 0.233 mm	Number of OSD languages	21
Viewable size, horizontal Viewable size, vertical Display diagonal (metric) High Dynamic Range (HDR) supported High Dynamic Range (HDR) Technology DDC/Cl Surface hardness Colour depth Colour gamut Colour gamut Technology DCI-P3 Colour gamut 119.7 cm Power Energy efficiency class (SDR) * G Energy efficiency class (HDR) * G Energy consumption (SDR) per 1000 hours * Energy consumption (HDR) per 1000 hours * Energy consumption (HDR) per 1000 hours * Energy consumption (typical) * 156.5 W O.5 W O.5 W AC input voltage 100 - 240 V Energy consumption (HDR) Page 1000 on the power consumption (HDR) Page 1000 on the power consumption (Frequency 1000 on the power consump	Pixel density	108.77 ppi	Plug and Play	✓
Viewable size, horizontal Viewable size, vertical 33.9 cm Display diagonal (metric) High Dynamic Range (HDR) supported High Dynamic Range (HDR) Technology DDC/CI Surface hardness Colour depth Colour gamut DCI-P3 Colour gamut 119.7 cm 33.9 cm Energy efficiency class (SDR) * G Energy efficiency class (HDR) * G Energy consumption (SDR) per 1000 65 kWh Energy consumption (HDR) per 1000 hours * Energy efficiency class (SDR) * Energy efficiency class (HDR) * Energy consumption (SDR) per 1000 hours * Energy consumption (HDR) per 1000 hours * Energy consumptio	Vertical scan range	48 - 144 Hz	LED indicators	Operation, Stand-by
Display diagonal (metric) 124.3 cm Energy efficiency class (SDR) * G Energy efficiency class (HDR) * G Energy consumption (SDR) per 1000 hours * Energy consumption (HDR) per 1000 hours * Ener	Viewable size, horizontal	119.7 cm	Daman	
High Dynamic Range (HDR) supported High Dynamic Range (HDR) technology DisplayHDR 400 True Black Energy consumption (SDR) per 1000 hours * Energy consumption (HDR) per 1000 hours * Energy consum	Viewable size, vertical	33.9 cm		
Supported High Dynamic Range (HDR) technology DDC/CI Surface hardness 2H Colour depth Colour gamut standard DCI-P3 Colour gamut DisplayHDR 400 True Black Energy consumption (SDR) per 1000 hours * Energy consumption (HDR) per 1000	· · -	124.3 cm		
High Dynamic Range (HDR) technology DisplayHDR 400 True Black Energy consumption (HDR) per 1000 hours * Surface hardness 2H Power consumption (typical) * Colour depth Colour gamut standard DCI-P3 Power consumption (off) AC input voltage 100 - 240 V		✓	•	
DDC/CI Surface hardness 2H Power consumption (typical) * 156.5 W Colour depth 10 bit Power consumption (standby) * 0.5 W Colour gamut standard DCI-P3 Power consumption (off) AC input voltage 100 - 240 V		DisplayHDR 400 True Black		
Colour depth 10 bit Power consumption (standby) * 0.5 W Colour gamut standard DCI-P3 Power consumption (off) 0.3 W Colour gamut 99% AC input voltage 100 - 240 V	DDC/CI	✓		85 kWn
Colour gamut standard DCI-P3 Power consumption (off) 0.3 W Colour gamut 99% AC input voltage 100 - 240 V	Surface hardness	2H	Power consumption (typical) *	156.5 W
Colour gamut standard DCI-P3 Power consumption (off) 0.3 W Colour gamut 99% AC input voltage 100 - 240 V	Colour depth	10 bit	Power consumption (standby) *	0.5 W
Colour gamut 99% AC input voltage 100 - 240 V	•	DCI-P3	Power consumption (off)	0.3 W
AC input frequency FO/60 Hz	•		AC input voltage	100 - 240 V
SRGB coverage (typical) 153.1%	sRGB coverage (typical)	153.1%	AC input frequency	50/60 Hz
NTSC coverage (typical) 127.4% Power supply type Internal		127.4%	Power supply type	Internal
Adobe RGB coverage 125.2%	Adobe RGB coverage	125.2%		

Display		Operational conditions	
DCI-P3 coverage	99%	Operating temperature (T-T)	0 - 40 °C
Display sRGB	9970 ✓	Storage temperature (T-T)	-20 - 60 °C
	•	Operating relative humidity (H-H)	20 - 80%
Performance		Operating altitude	0 - 3658 m
NVIDIA G-SYNC *	×	Non-operating altitude	3658 - 12192 m
AMD FreeSync *	✓	Weight & dimensions	
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	✓ Complete to the complete to	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
Multimedia		Packaging data	
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 *	×	Packaging content	
Design		Stand included	✓
Market positioning *	Gaming	Cables included	AC, DisplayPort, HDMI, USB, USB Type-C to USB Type-C
Product colour *	White	Remote control included	✓
Ports & interfaces		Manual	✓
Built-in USB hub *	✓	Sustainability	
Number of USB Type-B upstream ports quantity	1	Sustainability compliance	✓
USB Type-A downstream ports		Doesn't contain	Mercury, PVC/BFR
quantity	4	Other features	
USB Type-C downstream ports quantity	1		✓
USB Type-C DisplayPort Alternate		Low input lag Compatible operating systems	Mac OS X Windows 11/10/8.1/8
Mode	✓	Picture-by-Picture (PbP)	Mac O5 ∧ Williaows 11/10/6.1/6
USB Power Delivery (USB PD)	✓	Exterior finish type	Textured
USB Power Delivery up to	90 W	Picture enhancement	SmartImage game
HDMI *	✓	Sound enhancement technology	DTS
HDMI ports quantity	2	Recyclable packaging material	100%
HDMI version	2.1	, , ,	CB, CE mark, FCC Class B, ICES-003,
DisplayPorts quantity	1	Regulatory Approvals	TUV/ISO9241-307, TUV-BAUART, EAC
DisplayPort version	1.4	Heavy metals free	Hg (mercury)
Audio output	✓	•	7.5 W x 2 tweeters, 7.5 W x 2
Built-in KVM switch	✓	Speakers	woofers with airflow vents
		Delta E	2
		LowBlue mode	1
		Compliance certificates	RoHS
		Mean time between failures (MTBF)	30000 h



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