



Philips 42M2N8900/00 computer monitor 105.5 cm (41.5") 3840 x 2160 pixels 4K Ultra HD OLED White

Brand : Philips

Product code: 42M2N8900/00

Product name : 42M2N8900/00

Gaming Monitor 42M2N8900 OLED gaming monitor

[Philips 42M2N8900/00 computer monitor 105.5 cm \(41.5"\) 3840 x 2160 pixels 4K Ultra HD OLED White:](#)

Be prepared to get stunned by the precise colour reproduction of the Evnia OLED gaming monitor. The innovative Ambiglow redefines what a gaming environment usually is, levelling up not only your game gear, but also your gaming experience.

Philips 42M2N8900/00. Display diagonal: 105.5 cm (41.5"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, Response time: 0.1 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		Ports & interfaces	
Display diagonal *	105.5 cm (41.5")	Audio output	✓
Display resolution *	3840 x 2160 pixels	HDCP	✓
HD type *	4K Ultra HD	HDCP version	1.4/2.3
Native aspect ratio *	16:9	Ergonomics	
Display technology *	OLED	VESA mounting *	✓
Touchscreen *	✗	Cable lock slot *	✓
Response time *	0.1 ms	Cable lock slot type	Kensington
Anti-glare screen	✓	Height adjustment *	✓
Screen shape *	Flat	Height adjustment	12 cm
Contrast ratio (typical) *	15000000:1	Swivelling	✓
Dynamic contrast ratio marketing name	Mega Infinity DCR	Swivel angle range	-20 - 20°
Maximum refresh rate *	138 Hz	Tilt angle range	-5 - 15°
Viewing angle, horizontal	178°	Picture-in-Picture	✓
Viewing angle, vertical	178°	On Screen Display (OSD)	✓
Display number of colours *	1.07 billion colours	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
Pixel pitch	0.2395 x 0.2395 mm	Plug and Play	✓
Pixel density	106.06 ppi	LED indicators	Operation, Stand-by
Horizontal scan range	30 - 255 kHz	Power	
Vertical scan range	48 - 138 Hz	Energy efficiency class (SDR) *	G
Viewable size, horizontal	92 cm	Energy consumption (SDR) per 1000 hours *	51 kWh
Viewable size, vertical	51.7 cm	Power consumption (typical) *	69.6 W
Display diagonal (metric)	105.5 cm	Power consumption (standby) *	0.5 W
High Dynamic Range (HDR) supported	✓	Power consumption (off)	0.3 W
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	AC input voltage	100 - 240 V
DDC/CI	✓	AC input frequency	50 - 60 Hz
Haze rate	25%	Power supply type	Internal
Colour gamut standard	DCI-P3	Energy efficiency scale	A to G
Colour gamut	98.5%		
sRGB coverage (typical)	131.3%		
NTSC coverage (typical)	110.3%		

Display		Power	
Adobe RGB coverage	93.6%	European Product Registry for Energy Labelling (EPREL) code	1426504
DCI-P3 coverage	98.5%	Operational conditions	
Display sRGB	✓	Operating temperature (T-T)	0 - 40 °C
Performance		Storage temperature (T-T)	-20 - 60 °C
NVIDIA G-SYNC *	✗	Operating relative humidity (H-H)	20 - 80%
AMD FreeSync *	✓	Operating altitude	0 - 3658 m
AMD FreeSync type	FreeSync Premium	Non-operating altitude	3658 - 12192 m
Ambient lighting type	3-sided	Weight & dimensions	
Fast charging	✓	Width (with stand)	932 mm
Fast charging technology	Power Delivery	Depth (with stand)	359 mm
VESA Adaptive Sync support	✓	Height (with stand)	689 mm
Component video sync	Separate sync	Weight (with stand)	17.3 kg
Flicker-free technology	✓	Width (without stand)	932 mm
Low Blue Light technology	✓	Depth (without stand)	79 mm
Multimedia		Height (without stand)	535 mm
Number of speakers	2	Weight (without stand)	13.8 kg
RMS rated power	20 W	Packaging data	
Built-in speaker(s) *	✓	Package width	1070 mm
Audio decoders	DTS	Package depth	188 mm
Built-in camera *	✗	Package height	635 mm
Design		Package weight	21 kg
Market positioning *	Gaming	Packaging content	
Product colour *	White	Stand included	✓
Ports & interfaces		Cables included	HDMI, DisplayPort, USB, USB Type-C to USB Type-C, AC
Built-in USB hub *	✓	Remote control included	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Manual	✓
USB upstream port type	USB Type-B, USB Type-C	Sustainability	
Number of upstream ports	2	Sustainability compliance	✓
Number of USB Type-B upstream ports quantity	1	Doesn't contain	Mercury, PVC/BFR
Number of USB Type-C upstream ports quantity	1	Other features	
USB Type-A downstream ports quantity	4	Low input lag	✓
USB Type-C DisplayPort Alternate Mode	✓	Compatible operating systems	Mac OS X Windows 11/10/8.1/8
USB Power Delivery	✓	Picture-by-Picture (PbP)	✓
USB Power Delivery up to	90 W	Exterior finish type	Textured
HDMI *	✓	Picture enhancement	SmartImage game
HDMI ports quantity	2	Recyclable packaging material	100%
HDMI version	2.1	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV/ISO9241-307; TUV-BAUART; cETLus
DisplayPorts quantity	1	Delta E	2
DisplayPort version	1.4	EasyRead mode	✓
		LowBlue mode	✓
		Compliance certificates	RoHS
		Mean time between failures (MTBF)	30000 h



8712581798703

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 04-NOV-2024. Prints or copies of Information are only valid on the printed Publication date