

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

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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 color reproduction of Evnia OLED gaming monitor. The innovative Ambiglow redefines what 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		
Pixel density	106.06 ppi		
Horizontal scan range	30 - 255 kHz	Plug and Play	✓
Vertical scan range	48 - 138 Hz	LED indicators	Operation, Stand-by
Viewable size, horizontal	92 cm	Power	
Viewable size, vertical	51.7 cm	Energy efficiency class (SDR) *	G
Display diagonal (metric)	105.5 cm	Energy consumption (SDR) per 1000 hours *	51 kWh
High Dynamic Range (HDR) supported	✓	Power consumption (typical) *	69.6 W
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Power consumption (standby) *	0.5 W
DDC/CI	✓	Power consumption (off)	0.3 W
Haze rate	25%	AC input voltage	100 - 240 V
Colour gamut standard	DCI-P3	AC input frequency	50 - 60 Hz
Colour gamut	98.5%	Power supply type	Internal
sRGB coverage (typical)	131.3%	Energy efficiency scale	A to G
NTSC coverage (typical)	110.3%		
Adobe RGB coverage	93.6%		
DCI-P3 coverage	98.5%		

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



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