

PHILIPS

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

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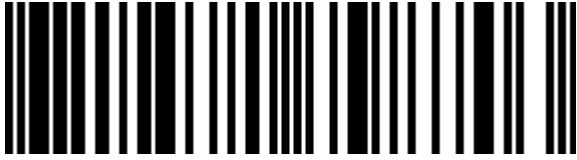
Be prepared to get stunned by the precise colour reproduction of the Evnia OLED gaming monitor. The innovative Ambiglow redefines what a gaming environment usually is, levelling up not only your game gear, but also your gaming experience.

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		Operational conditions	
Adobe RGB coverage	93.6%	Operating temperature (T-T)	0 - 40 °C
Display sRGB	✓	Storage temperature (T-T)	-20 - 60 °C
Performance		Operating relative humidity (H-H)	20 - 80%
NVIDIA G-SYNC *	✗	Operating altitude	0 - 3658 m
AMD FreeSync *	✓	Non-operating altitude	3658 - 12192 m
AMD FreeSync type	FreeSync Premium	Packaging content	
Ambient lighting type	3-sided	Stand included	✓
Fast charging	✓	Cables included	HDMI, DisplayPort, USB, USB Type-C to USB Type-C, AC
Fast charging technology	Power Delivery	Remote control included	✓
VESA Adaptive Sync support	✓	Manual	✓
Component video sync	Separate sync	Weight & dimensions	
Flicker-free technology	✓	Width (with stand)	932 mm
Low Blue Light technology	✓	Depth (with stand)	359 mm
Low input lag	✓	Height (with stand)	689 mm
Compatible operating systems	Mac OS X Windows 11/10/8.1/8	Weight (with stand)	17.3 kg
Multimedia		Width (without stand)	932 mm
Built-in speaker(s) *	✓	Depth (without stand)	79 mm
Built-in camera *	✗	Height (without stand)	535 mm
Number of speakers	2	Weight (without stand)	13.8 kg
RMS rated power	20 W	Packaging data	
Audio decoders	DTS	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		Sustainability	
Built-in USB hub *	✓	Sustainability compliance	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Sustainability certificates	RoHS
USB upstream port type	USB Type-B, USB Type-C	Doesn't contain	Mercury, PVC/BFR
Number of upstream ports	2	European Product Registry for Energy Labelling (EPREL) code	1426504
Number of USB Type-B upstream ports quantity	1	Technical details	
Number of USB Type-C upstream ports quantity	1	Compliance certificates	RoHS
USB Type-A downstream ports quantity	4	Other features	
USB Type-C DisplayPort Alternate Mode	✓	DCI-P3 coverage	98.5%
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	✓
		Mean time between failures (MTBF)	30000 h



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