

PHILIPS

Philips Evnia 5000 27M2N5500/00 LED display 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

Brand : Philips

Product family: Evnia

Product code: 27M2N5500/00

Product name :
27M2N5500/00



Fast IPS Gaming monitor 27M2N5500 Quad HD gaming monitor

Philips Evnia 5000 27M2N5500/00 LED display 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black:

This monitor is equipped for any game. With its 0.5ms Smart MBR, 180Hz refresh rate, and Quad HD resolution, it is made to bring gamers an all-around and visually pleasing gaming experience. Philips Evnia 5000 27M2N5500/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LCD, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Panel mounting interface	100 x 100 mm
Display resolution *	2560 x 1440 pixels	Cable lock slot *	✓
HD type *	Quad HD	Cable lock slot type	Kensington
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LCD	Height adjustment	13 cm
Panel type *	Nano IPS	Pivot	✓
LED backlight	✓	Pivot angle	-90 - 90°
Backlight type	W-LED	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-45 - 45°
Display brightness (typical)	350 cd/m ²	Tilt adjustment	✓
Response time *	1 ms	Tilt angle range	-5 - 20°
Anti-glare screen	✓	On Screen Display (OSD)	✓
Screen shape *	Flat	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
Contrast ratio (typical) *	1200:1	Number of OSD languages	21
Dynamic contrast ratio marketing name	Mega Infinity DCR	Plug and Play	✓
Maximum refresh rate *	170 Hz	LED indicators	Operation, Stand-by
Viewing angle, horizontal	178°	Power	
Viewing angle, vertical	178°	Power consumption (typical) *	29.8 W
Display number of colours *	1.07 billion colours	Power consumption (standby) *	0.5 W
Response time (fast)	0.5 ms	Power consumption (off)	0.3 W
Pixel pitch	0.2331 x 0.2331 mm	AC input voltage	100 - 240 V
Pixel density	108.79 ppi	AC input frequency	50/60 Hz
Horizontal scan range	30 - 280 kHz	Power supply type	External
Vertical scan range	48 - 180 Hz	Operational conditions	
Viewable size, horizontal	59.7 cm	Operating temperature (T-T)	0 - 40 °C
Viewable size, vertical	33.6 cm	Storage temperature (T-T)	-20 - 60 °C
Digital horizontal frequency	30 - 230 kHz	Operating relative humidity (H-H)	20 - 80%
Digital vertical frequency	48 - 144 Hz	Operating altitude	0 - 3658 m
Display diagonal (metric)	68.5 cm		
High Dynamic Range (HDR) supported	✓		

Display		Operational conditions	
High Dynamic Range (HDR) technology	DisplayHDR 400	Non-operating altitude	3658 - 12192 m
DDC/CI	✓	Weight & dimensions	
Haze rate	25%	Width (with stand)	614 mm
Surface hardness	3H	Depth (with stand)	261 mm
Colour depth	8 bit	Height (with stand)	519 mm
Colour gamut standard	DCI-P3	Weight (with stand)	5.68 kg
Colour gamut	93.5%	Width (without stand)	614 mm
sRGB coverage (typical)	125%	Depth (without stand)	60 mm
Adobe RGB coverage	89%	Height (without stand)	368 mm
Display sRGB	✓	Weight (without stand)	3.28 kg
Performance		Packaging data	
NVIDIA G-SYNC *	✓	Package width	730 mm
AMD FreeSync *	✓	Package depth	188 mm
Fast charging	✓	Package height	478 mm
Component video sync	Separate sync	Package weight	9.53 kg
Flicker-free technology	✓	Packaging content	
Low Blue Light technology	✓	Stand included	✓
Multimedia		Cables included	AC, DisplayPort, HDMI
Built-in speaker(s) *	✗	Sustainability	
Built-in camera *	✗	Sustainability compliance	✓
Design		Doesn't contain	Mercury, PVC/BFR
Market positioning *	Gaming	Other features	
Product colour *	Black	Low input lag	✓
Ports & interfaces		Compatible operating systems	Mac OS X Windows 11/10
HDMI *	✓	Exterior finish type	Textured
HDMI ports quantity	2	Picture enhancement	SmartImage game
HDMI version	2.0	Recyclable packaging material	100%
DisplayPorts quantity	1	Regulatory Approvals	CB, CCC, CECP, CEL, CE Mark, TUV-BAUART, EAC, MEPS, PSB, BSMI, EMF, FCC, ICES-003, TUV/ISO9241-307, UKCA
DisplayPort version	1.4	Heavy metals free	Hg (mercury)
Headphone out *	✓	Delta E	2
HDCP	✓	Adaptive synchronisation	✓
HDCP version	1.4/2.2	EasyRead mode	✓
Ergonomics		LowBlue mode	✓
VESA mounting *	✓	Philips SmartUniformity	93 - 105%
		Compliance certificates	RoHS
		Mean time between failures (MTBF)	50000 h



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Publication date: 25-OCT-2024. Prints or copies of Information are only valid on the printed Publication date