

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/m²	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		
Dynamic contrast ratio marketing name	Mega Infinity DCR		
Maximum refresh rate *	170 Hz	Number of OSD languages	21
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°	LED indicators	Operation, Stand-by
Display number of colours *	1.07 billion colours	Power	
Response time (fast)	0.5 ms	Power consumption (typical) *	29.8 W
Pixel pitch	0.2331 x 0.2331 mm	Power consumption (standby) *	0.5 W
Pixel density	108.79 ppi	Power consumption (off)	0.3 W
Horizontal scan range	30 - 280 kHz	AC input voltage	100 - 240 V
Vertical scan range	48 - 180 Hz	AC input frequency	50/60 Hz
Viewable size, horizontal	59.7 cm	Power supply type	External
Viewable size, vertical	33.6 cm	Operational conditions	
Digital horizontal frequency	30 - 230 kHz	Operating temperature (T-T)	0 - 40 °C
Digital vertical frequency	48 - 144 Hz	Storage temperature (T-T)	-20 - 60 °C
Display diagonal (metric)	68.5 cm	Operating relative humidity (H-H)	20 - 80%
High Dynamic Range (HDR) supported	✓		

Display		Operational conditions	
High Dynamic Range (HDR) technology	DisplayHDR 400	Operating altitude	0 - 3658 m
DDC/CI	✓	Non-operating altitude	3658 - 12192 m
Haze rate	25%	Weight & dimensions	
Surface hardness	3H	Width (with stand)	614 mm
Colour depth	8 bit	Depth (with stand)	261 mm
Colour gamut standard	DCI-P3	Height (with stand)	519 mm
Colour gamut	93.5%	Weight (with stand)	5.68 kg
sRGB coverage (typical)	125%	Width (without stand)	614 mm
Adobe RGB coverage	89%	Depth (without stand)	60 mm
Display sRGB	✓	Height (without stand)	368 mm
Performance		Weight (without stand)	3.28 kg
NVIDIA G-SYNC *	✓	Packaging data	
AMD FreeSync *	✓	Package width	730 mm
Fast charging	✓	Package depth	188 mm
Component video sync	Separate sync	Package height	478 mm
Flicker-free technology	✓	Package weight	9.53 kg
Low Blue Light technology	✓	Packaging content	
Multimedia		Stand included	✓
Built-in speaker(s) *	✗	Cables included	AC, DisplayPort, HDMI
Built-in camera *	✗	Sustainability	
Design		Sustainability compliance	✓
Market positioning *	Gaming	Doesn't contain	Mercury, PVC/BFR
Product colour *	Black	Other features	
Ports & interfaces		Low input lag	✓
HDMI *	✓	Compatible operating systems	Mac OS X Windows 11/10
HDMI ports quantity	2	Exterior finish type	Textured
HDMI version	2.0	Picture enhancement	SmartImage game
DisplayPorts quantity	1	Recyclable packaging material	100%
DisplayPort version	1.4	Regulatory Approvals	CB, CCC, CECP, CEL, CE Mark, TUV-BAUART, EAC, MEPS, PSB, BSMI, EMF, FCC, ICES-003, TUV/ISO9241-307, UKCA
Headphone out *	✓	Heavy metals free	Hg (mercury)
HDCP	✓	Delta E	2
HDCP version	1.4/2.2	Adaptive synchronisation	✓
Ergonomics		EasyRead mode	✓
VESA mounting *	✓	LowBlue mode	✓
		Philips SmartUniformity	93 - 105%
		Compliance certificates	RoHS
		Mean time between failures (MTBF)	50000 h



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