

Philips Evnia 27M2N3500NL/00 LED display 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Grey

Brand : Philips

Product family: Evnia

Product code:
27M2N3500NL/00

Product name :
27M2N3500NL/00

- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
 - Certified NVIDIA® G-SYNC® compatible for smooth fast gaming
 - 1ms (MPRT) fast response for crisp image and smooth gameplay
 - Low input lag reduces time delay between devices to monitor
 - SmartImage game mode optimized for gamers
 - Ultra Wide-Color wider range of colors for a vivid picture
 - SmartContrast for rich black details
 - SmartErgoBase enables people-friendly ergonomic adjustments
 - EasySelect menu toggle key for quick on-screen menu access
- Fast VA Gaming monitor 27M2N3500NL Quad HD gaming monitor



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This Fast VA monitor allows you to game with ultimate precision and speed at 180Hz. With sharp HDR quality imagery and Quad HD resolution guaranteed, this monitor produces an excellent all-around gaming experience.

Display		Ergonomics	
Display diagonal *	68.6 cm (27")	VESA mounting *	✓
Display resolution *	2560 x 1440 pixels	Panel mounting interface	100 x 100 mm
HD type *	Quad HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LCD	Height adjustment *	✗
Panel type *	VA	Tilt adjustment	✓
LED backlight	✓	Tilt angle range	-5 - 20°
Backlight type	W-LED	On Screen Display (OSD)	✓
Touchscreen *	✗	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
Display brightness (typical)	300 cd/m²		
Response time *	1 ms		
Anti-glare screen	✓	Number of OSD languages	21
Screen shape *	Flat	Plug and Play	✓
Contrast ratio (typical) *	5000:1	LED indicators	Operation, Stand-by
Dynamic contrast ratio marketing name	Mega Infinity DCR	Power	
Maximum refresh rate *	180 Hz	Power consumption (typical) *	21.6 W
Viewing angle, horizontal	178°	Power consumption (standby) *	0.5 W
Viewing angle, vertical	178°	Power consumption (off)	0.3 W
Display number of colours *	16.7 million colours	AC input voltage	100 - 240 V
Response time (fast)	0.5 ms	AC input frequency	50/60 Hz
Pixel pitch	0.2331 x 0.2331 mm	Power supply type	Internal
Pixel density	108.79 ppi	Operational conditions	
Horizontal scan range	30 - 270 kHz	Operating temperature (T-T)	0 - 40 °C
Vertical scan range	48 - 180 Hz	Storage temperature (T-T)	-20 - 60 °C
Viewable size, horizontal	59.8 cm	Operating relative humidity (H-H)	20 - 80%
Viewable size, vertical	33.6 cm	Operating altitude	0 - 3658 m
Digital horizontal frequency	30 - 230 kHz	Non-operating altitude	3658 - 12192 m
Digital vertical frequency	48 - 144 Hz	Weight & dimensions	
Display diagonal (metric)	68.5 cm	Width (with stand)	615 mm
High Dynamic Range (HDR) supported	✓		

Display		Weight & dimensions	
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Depth (with stand)	193 mm
DDC/CI	✓	Height (with stand)	463 mm
Haze rate	25%	Weight (with stand)	4.34 kg
Surface hardness	3H	Width (without stand)	615 mm
Colour gamut standard	DCI-P3	Depth (without stand)	61 mm
Colour gamut	95%	Height (without stand)	369 mm
sRGB coverage (typical)	127%	Weight (without stand)	3.73 kg
Adobe RGB coverage	92%	Packaging data	
Display sRGB	✓	Package width	690 mm
Performance		Package depth	141 mm
NVIDIA G-SYNC *	✗	Package height	420 mm
AMD FreeSync *	✗	Package weight	6.88 kg
VESA Adaptive Sync support	✓	Packaging content	
Component video sync	Separate sync	Stand included	✓
Flicker-free technology	✓	Cables included	AC, DisplayPort, HDMI
Low Blue Light technology	✓	Manual	✓
Multimedia		Sustainability	
Built-in speaker(s) *	✗	Sustainability compliance	✓
Built-in camera *	✗	Doesn't contain	Mercury, PVC/BFR
Design		Other features	
Market positioning *	Gaming	Brand specific technologies	Crosshair
Product colour *	Grey	Low input lag	✓
Ports & interfaces		Compatible operating systems	Mac OS X Windows 10 / 11
Built-in USB hub *	✗	Exterior finish type	Textured
HDMI *	✓	Picture enhancement	SmartImage game
HDMI ports quantity	2	Recyclable packaging material	100%
HDMI version	2.0	Regulatory Approvals	CB, CE mark, FCC Class B, ICES-003, EAC, EAEU RoHS, TUV/ISO9241-307, TÜV-TYPE, PSB, UKCA, EMF
DisplayPorts quantity	1	Heavy metals free	Hg (mercury)
DisplayPort version	1.4	Delta E	2
Headphone out *	✓	EasyRead mode	✓
HDCP	✓	LowBlue mode	✓
HDCP version	1.4/2.2	Compliance certificates	RoHS
		Mean time between failures (MTBF)	50000 h
		Recycling data	
		Post-consumer recycled plastic	85%



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