

Philips Evnia 27M2N3200A/00 LED display 68.6 cm (27") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips

Product family: Evnia

Product code:
27M2N3200A/00

Product name :
27M2N3200A/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 IPS Gaming monitor 27M2N3200A Full HD gaming monitor



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This monitor can play up to a speed of 180Hz for any game. Not only that, but it packs a plethora of other features that make it the ideal companion, such as Full HD resolution, HDR quality imagery, and Smart Crosshair.



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Panel mounting interface	100 x 100 mm
Display resolution *	1920 x 1080 pixels	Cable lock slot *	✓
HD type *	Full HD	Cable lock slot type	Kensington
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LCD	Height adjustment	13 cm
Panel type *	IPS	Pivot	✓
LED backlight	✓	Pivot angle	-90 - 90°
Backlight type	W-LED	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-30 - 30°
Display brightness (typical)	300 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) *	1000:1	Number of OSD languages	21
Dynamic contrast ratio marketing name	Mega Infinity DCR	Plug and Play	✓
Maximum refresh rate *	180 Hz	LED indicators	Operation, Stand-by
Viewing angle, horizontal	178°	Power	
Viewing angle, vertical	178°	Energy efficiency class (SDR) *	E
Display number of colours *	16.7 million colours	Power consumption (typical) *	27.4 W
Response time (fast)	0.5 ms	Power consumption (standby) *	0.5 W
Pixel pitch	0.31125 x 0.31125 mm	Power consumption (off)	0.3 W
Pixel density	81.59 ppi	AC input voltage	100 - 240 V
Horizontal scan range	30 - 200 kHz	AC input frequency	50/60 Hz
Vertical scan range	48 - 180 Hz	Power supply type	Internal
Viewable size, horizontal	59.8 cm	Operational conditions	
Viewable size, vertical	33.6 cm	Operating temperature (T-T)	0 - 40 °C
Display diagonal (metric)	68.6 cm	Storage temperature (T-T)	-20 - 60 °C
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)		
DDC/CI	✓		

Display		Operational conditions	
Haze rate	25%	Operating relative humidity (H-H)	20 - 80%
Surface hardness	3H	Operating altitude	0 - 3658 m
Colour gamut standard	DCI-P3	Non-operating altitude	3658 - 12192 m
Colour gamut	95%	Weight & dimensions	
sRGB coverage (typical)	128%	Width (with stand)	614 mm
Adobe RGB coverage	90%	Depth (with stand)	261 mm
Display sRGB	✓	Height (with stand)	519 mm
Performance		Weight (with stand)	5.82 kg
NVIDIA G-SYNC *	✗	Width (without stand)	614 mm
AMD FreeSync *	✗	Depth (without stand)	60 mm
Component video sync	Separate sync	Height (without stand)	368 mm
Flicker-free technology	✓	Weight (without stand)	4 kg
Low Blue Light technology	✓	Packaging data	
Multimedia		Package width	730 mm
Number of speakers	2	Package depth	188 mm
RMS rated power	4 W	Package height	478 mm
Built-in speaker(s) *	✓	Package weight	9.46 kg
Built-in camera *	✗	Packaging content	
Design		Stand included	✓
Market positioning *	Gaming	Cables included	AC, DisplayPort, HDMI
Product colour *	Black	Manual	✓
Ports & interfaces		Sustainability	
Built-in USB hub *	✗	Sustainability compliance	✓
HDMI *	✓	Doesn't contain	Mercury, PVC/BFR
HDMI ports quantity	2	Other features	
HDMI version	2.0	Compatible operating systems	Mac OS X Windows 10 / 11
DisplayPorts quantity	1	Exterior finish type	Textured
DisplayPort version	1.4	Picture enhancement	SmartImage game
Headphone out *	✓	Recyclable packaging material	100%
HDCP	✓	Regulatory Approvals CB, CE Mark, TUV/ISO9241-307, TUV-BAUART, EAC, EAEU RoHS, MEPS, PSB, KC, VCCI, UKCA, EMF, ICES-003	
HDCP version	1.4/2.2		
Ergonomics		Heavy metals free	Hg (mercury)
VESA mounting *	✓	EasyRead mode	✓
		LowBlue mode	✓
		Compliance certificates	RoHS
		Mean time between failures (MTBF)	50000 h



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