

PHILIPS

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 180 Hz for any game. It also has a plethora of other features that make it the ideal gaming companion, such as Full HD resolution, HDR-quality imagery and Smart Crosshair.



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	VESA mounting *	✓
Display resolution *	1920 x 1080 pixels	Panel mounting interface	100 x 100 mm
HD type *	Full HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LCD	Height adjustment *	✓
Panel type *	IPS	Height adjustment	13 cm
LED backlight	✓	Pivot	✓
Backlight type	W-LED	Pivot angle	-90 - 90°
Touchscreen *	✗	Swivelling	✓
Display brightness (typical)	300 cd/m ²	Swivel angle range	-30 - 30°
Response time	1 ms	Tilt adjustment	✓
Anti-glare screen	✓	Tilt angle range	-5 - 20°
Screen shape *	Flat	On Screen Display (OSD)	✓
Contrast ratio (typical) *	1000:1	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
Dynamic contrast ratio marketing name	Mega Infinity DCR	Number of OSD languages	21
Maximum refresh rate *	180 Hz	Plug and Play	✓
Viewing angle, horizontal	178°	LED indicators	Operation, Stand-by
Viewing angle, vertical	178°		
Display number of colours *	16.7 million colours		
Response time (fast)	0.5 ms		
Pixel pitch	0.31125 x 0.31125 mm		
Pixel density	81.59 ppi		
Horizontal scan range	30 - 200 kHz		
Vertical scan range	48 - 180 Hz		
Viewable size, horizontal	59.8 cm		
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.6 cm		
High Dynamic Range (HDR) supported	✓		
		Power	
		Energy efficiency class (SDR) *	E
		Power consumption (typical) *	27.4 W
		Power consumption (standby) *	0.5 W
		Power consumption (off)	0.3 W
		AC input voltage	100 - 240 V
		AC input frequency	50/60 Hz
		Power supply type	Internal

Display		Operational conditions	
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Operating temperature (T-T)	0 - 40 °C
DDC/CI	✓	Storage temperature (T-T)	-20 - 60 °C
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%	Packaging content	
sRGB coverage (typical)	128%	Stand included	✓
Adobe RGB coverage	90%	Cables included	AC, DisplayPort, HDMI
Display sRGB	✓	Manual	✓
Performance		Weight & dimensions	
NVIDIA G-SYNC *	✗	Width (with stand)	614 mm
AMD FreeSync *	✗	Depth (with stand)	261 mm
Component video sync	Separate sync	Height (with stand)	519 mm
Flicker-free technology	✓	Weight (with stand)	5.82 kg
Low Blue Light technology	✓	Width (without stand)	614 mm
Compatible operating systems	Mac OS X Windows 10 / 11	Depth (without stand)	60 mm
Multimedia		Height (without stand)	368 mm
Built-in speaker(s) *	✓	Weight (without stand)	4 kg
Built-in camera *	✗	Packaging data	
Number of speakers	2	Package width	730 mm
RMS rated power	4 W	Package depth	188 mm
Design		Package height	478 mm
Market positioning *	Gaming	Package weight	9.46 kg
Product colour *	Black	Sustainability	
Heavy metals free	Hg (mercury)	Sustainability compliance	✓
Ports & interfaces		Sustainability certificates	RoHS
Built-in USB hub *	✗	Doesn't contain	Mercury, PVC/BFR
HDMI *	✓	Technical details	
HDMI ports quantity	2	Compliance certificates	RoHS
HDMI version	2.0	Other features	
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	EasyRead mode	✓
		LowBlue mode	✓
		Mean time between failures (MTBF)	50000 h



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