PHILIPS

Philips Evnia 27M2N3200S/00 LED display 68.6 cm (27") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips   **Product family:** Evnia   **Product code:**
27M2N3200S/00

Product name :
27M2N3200S/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 27M2N3200S Full HD gaming monitor

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

RoHS

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)	250 cd/m²	Swivel angle range	-45 - 45°
Response time *	4 ms	Tilt adjustment	✔
Anti-glare screen	✔	Tilt angle range	-5 - 20°
Screen shape *	Flat	On Screen Display (OSD)	✔
Contrast ratio (typical) *	1100:1	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		
Maximum refresh rate *	165 Hz		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°	Number of OSD languages	21
Display number of colours *	16.7 million colours	Plug and Play	✔
Response time (fast)	1 ms	LED indicators	Operation, Stand-by
Pixel pitch	0.3114 x 0.3114 mm	**Power**	
Pixel density	81.59 ppi		
Horizontal scan range	30 - 200 kHz	Power consumption (typical) *	28.2 W
Vertical scan range	48 - 165 Hz	Power consumption (standby) *	0.5 W
Viewable size, horizontal	59.8 cm	Power consumption (off)	0.3 W
Viewable size, vertical	33.6 cm	AC input voltage	100 - 240 V
Digital horizontal frequency	30 - 160 kHz	AC input frequency	50/60 Hz
Digital vertical frequency	48 - 165 Hz	Power supply type	Internal
Display diagonal (metric)	68.5 cm	**Operational conditions**	
DDC/CI	✔	Operating temperature (T-T)	0 - 40 °C
Haze rate	25%	Storage temperature (T-T)	-20 - 60 °C
Surface hardness	3H	Operating relative humidity (H-H)	20 - 80%

Display

Colour gamut standard	sRGB
Display sRGB	✔

Performance

NVIDIA G-SYNC *	✔
NVIDIA G-SYNC type	G-SYNC Compatible
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium
Component video sync	Separate sync
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia

Number of speakers	2
RMS rated power	4 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design

Market positioning *	Gaming
Product colour *	Black

Ports & interfaces

Built-in USB hub *	✘
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Audio output	✔
HDCP	✔
HDCP version	1.4/2.2

Operational conditions

Operating altitude	0 - 3658 m
Non-operating altitude	3658 - 12192 m

Weight & dimensions

Width (with stand)	612 mm
Depth (with stand)	236 mm
Height (with stand)	543 mm
Weight (with stand)	5.3 kg
Width (without stand)	612 mm
Depth (without stand)	55 mm
Height (without stand)	365 mm
Weight (without stand)	3.7 kg

Packaging data

Package width	780 mm
Package depth	224 mm
Package height	521 mm
Package weight	9.96 kg

Sustainability

Sustainability compliance	✔
Doesn't contain	Mercury, PVC/BFR

Other features

Low input lag	✔
Compatible operating systems	Mac OS X Windows 10 / 8.1 / 8 / 7
Exterior finish type	Textured
Picture enhancement	SmartImage game
Recyclable packaging material	100%
Regulatory Approvals	CB, CCC, CECP, CEL, CE Mark, FCC Class B, ICES-003
Heavy metals free	Hg (mercury)
EasyRead mode	✔
LowBlue mode	✔
Compliance certificates	RoHS
Mean time between failures (MTBF)	50000 h

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