

## 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.

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	Number of OSD languages	21
Maximum refresh rate *	165 Hz	Plug and Play	✓
Viewing angle, horizontal	178°	LED indicators	Operation, Stand-by
Viewing angle, vertical	178°	<b>Power</b>	
Display number of colours *	16.7 million colours	Power consumption (typical) *	28.2 W
Response time (fast)	1 ms	Power consumption (standby) *	0.5 W
Pixel pitch	0.3114 x 0.3114 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 - 165 Hz	Power supply type	Internal
Viewable size, horizontal	59.8 cm	<b>Operational conditions</b>	
Viewable size, vertical	33.6 cm	Operating temperature (T-T)	0 - 40 °C
Digital horizontal frequency	30 - 160 kHz	Storage temperature (T-T)	-20 - 60 °C
Digital vertical frequency	48 - 165 Hz		
Display diagonal (metric)	68.5 cm		
DDC/CI	✓		
Haze rate	25%		

<b>Display</b>		<b>Operational conditions</b>	
Surface hardness	3H	Operating relative humidity (H-H)	20 - 80%
Colour gamut standard	sRGB	Operating altitude	0 - 3658 m
Display sRGB	✓	Non-operating altitude	3658 - 12192 m
<b>Performance</b>		<b>Weight &amp; dimensions</b>	
NVIDIA G-SYNC *	✓	Width (with stand)	612 mm
NVIDIA G-SYNC type	G-SYNC Compatible	Depth (with stand)	236 mm
AMD FreeSync *	✓	Height (with stand)	543 mm
AMD FreeSync type	FreeSync Premium	Weight (with stand)	5.3 kg
Component video sync	Separate sync	Width (without stand)	612 mm
Flicker-free technology	✓	Depth (without stand)	55 mm
Low Blue Light technology	✓	Height (without stand)	365 mm
<b>Multimedia</b>		<b>Packaging data</b>	
Number of speakers	2	Package width	780 mm
RMS rated power	4 W	Package depth	224 mm
Built-in speaker(s) *	✓	Package height	521 mm
Built-in camera *	✗	Package weight	9.96 kg
<b>Design</b>		<b>Sustainability</b>	
Market positioning *	Gaming	Sustainability compliance	✓
Product colour *	Black	Doesn't contain	Mercury, PVC/BFR
<b>Ports &amp; interfaces</b>		<b>Other features</b>	
Built-in USB hub *	✗	Low input lag	✓
HDMI *	✓	Compatible operating systems	Mac OS X Windows 10 / 8.1 / 8 / 7
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	1.2	Regulatory Approvals	CB, CCC, CECP, CEL, CE Mark, FCC Class B, ICES-003
Audio output	✓	Heavy metals free	Hg (mercury)
HDCP	✓	EasyRead mode	✓
HDCP version	1.4/2.2	LowBlue mode	✓
		Compliance certificates	RoHS
		Mean time between failures (MTBF)	50000 h



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