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
Gaming Monitor 27M2N3200S Full HD gaming monitor

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

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

RoHS
2002/95/EC

Display

Display diagonal *	68.6 cm (27")
Display resolution *	1920 x 1080 pixels
HD type *	Full HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	IPS
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	250 cd/m²
Response time	4 ms
Anti-glare screen	✔
Screen shape *	Flat
Contrast ratio (typical) *	1100:1
Dynamic contrast ratio marketing name	Mega Infinity DCR
Maximum refresh rate *	165 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Response time (fast)	1 ms
Pixel pitch	0.3114 x 0.3114 mm
Pixel density	81.59 ppi
Horizontal scan range	30 - 200 kHz
Vertical scan range	48 - 165 Hz
Viewable size, horizontal	59.8 cm
Viewable size, vertical	33.6 cm
Digital horizontal frequency	30 - 160 kHz
Digital vertical frequency	48 - 165 Hz
Display diagonal (metric)	68.5 cm
DDC/CI	✔
Haze rate	25%
Surface hardness	3H

Ports & interfaces

HDCP version	1.4/2.2

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Height adjustment	13 cm
Pivot	✔
Pivot angle	-90 - 90°
Swivelling	✔
Swivel angle range	-45 - 45°
Tilt adjustment	✔
Tilt angle range	-5 - 20°
On Screen Display (OSD)	✔
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
Number of OSD languages	21
Plug and Play	✔
LED indicators	Operation, Stand-by

Power

Power consumption (typical) *	28.2 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

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	✔
Low input lag	✔
Compatible operating systems	Mac OS X Windows 10 / 8.1 / 8 / 7

Multimedia

Built-in speaker(s) *	✘
Built-in camera *	✘

Design

Market positioning *	Gaming
Product colour *	Black
Heavy metals free	Hg (mercury)

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	✔

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
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	✔
Sustainability certificates	RoHS
Doesn't contain	Mercury, PVC/BFR

Other features

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
EasyRead mode	✔
LowBlue mode	✔
Mean time between failures (MTBF)	50000 h

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