PHILIPS

Philips Evnia 27M2N3200S/00 computer monitor 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 an overclockable 200Hz. With sharp HDR quality imagery and Full HD resolution guaranteed, this monitor produces an excellent all-around gaming experience.



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 *	Fast IPS
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	300 cd/m²
Response time *	4 ms
Anti-glare screen	✔
Screen shape *	Flat
Contrast ratio (typical) *	1000:1
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	0.31125 x 0.31125 mm
Pixel density	81.59 ppi
Horizontal scan range	30 - 230 kHz
Vertical scan range	48 - 200 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

Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	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	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Number of OSD languages	21
Plug and Play	✔
LED indicators	Operation, Stand-by

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

Display	
Display diagonal (metric)	68.5 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB, DCI-P3
sRGB coverage (typical)	128%
DCI-P3 coverage	95%
Display sRGB	✔
Display panel size	27 inch / 68.5 cm

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	2.2

Power	
AC input frequency	50/60 Hz
Power supply type	Internal

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	0 - 12192 m

Weight & dimensions	
Width (with stand)	615 mm
Depth (with stand)	196 mm
Height (with stand)	463 mm
Weight (with stand)	4.71 kg
Width (without stand)	615 mm
Depth (without stand)	61 mm
Height (without stand)	369 mm
Weight (without stand)	4.1 kg

Packaging data	
Package width	690 mm
Package depth	141 mm
Package height	420 mm
Package weight	7.25 kg

Packaging content	
Stand included	✔
Manual	✔

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

Other features	
Low input lag	✔
Compatible operating systems	DDC/CI, Mac OS X, sRGB, Windows 11 / 10
Exterior finish type	Textured
Monitor sync input signal	Separate Sync
User controls	Power On/Off, Menu/OK, Input/Up, Game Settings/Down, SmartImage game/Back
Picture enhancement	SmartImage game
Regulatory Approvals	CB, TUV/ISO9241-307, TUV-BAUART, EAC, EAEU RoHS, MEPS, KC, BSMI, CE Mark, UKCA, EMF, FCC, ICES-003
Heavy metals free	Hg (mercury)
EasyRead mode	✔
LowBlue mode	✔
Compliance certificates	RoHS
Mean time between failures (MTBF)	50000 h

Recycling data	
Packaging recyclability rate	100%

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