Philips Evnia 27M2N3201A/00 computer monitor 68.6 cm (27") 1920 x 1080 pixels Full HD LCD White

Brand : Philips   **Product family:** Evnia   **Product code:**
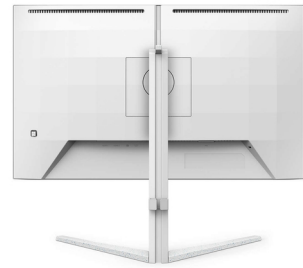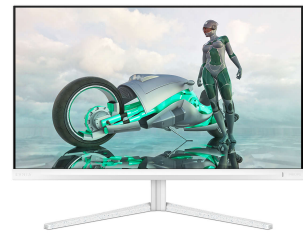27M2N3201A/00

Product name :
27M2N3201A/00

Fast IPS Gaming monitor 27M2N3201A Full HD gaming monitor

Philips Evnia 27M2N3201A/00 computer monitor 68.6 cm (27") 1920 x 1080 pixels Full HD LCD White:

This monitor can play up to a speed of 180Hz for any game. Not only that, but it packs a plethora of other features that make it the ideal companion, such as Full HD resolution, HDR quality imagery, and Smart Crosshair.
Philips Evnia 27M2N3201A/00. Display diagonal: 68.6 cm (27"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). VESA mounting, Height adjustment. Product colour: White

Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Height adjustment *	✓
Display resolution *	1920 x 1080 pixels	Height adjustment	13 cm
HD type *	Full HD	Pivot	✓
Native aspect ratio *	16:9	Pivot angle	-90 - 90°
Display technology *	LCD	Swivelling	✓
Panel type *	IPS	Swivel angle range	-30 - 30°
LED backlight	✓	Tilt adjustment	✓
Backlight type	W-LED	Tilt angle range	-5 - 20°
Touchscreen *	✗	On Screen Display (OSD)	✓
Display brightness (typical)	300 cd/m²	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
Response time *	1 ms		
Anti-glare screen	✓		
Screen shape *	Flat		
Contrast ratio (typical) *	1000:1		
Dynamic contrast ratio marketing name	Mega Infinity DCR	Number of OSD languages	21
		Plug and Play	✓
Maximum refresh rate *	180 Hz	LED indicators	Operation, Stand-by
Viewing angle, horizontal	178°	**Power**	
Viewing angle, vertical	178°		
Display number of colours *	16.7 million colours	Energy efficiency class (SDR) *	E
Response time (fast)	0.5 ms	Energy efficiency class (HDR) *	G
Pixel pitch	0.31125 x 0.31125 mm	Energy consumption (SDR) per 1000 hours *	21 kWh
Pixel density	81.59 ppi		
Horizontal scan range	30 - 200 kHz	Energy consumption (HDR) per 1000 hours *	35 kWh
Vertical scan range	48 - 180 Hz		
Viewable size, horizontal	59.8 cm	Power consumption (typical) *	27.4 W
Viewable size, vertical	33.6 cm	Power consumption (standby) *	0.5 W
Display diagonal (metric)	68.6 cm	Power consumption (off)	0.3 W
High Dynamic Range (HDR) supported	✓	AC input voltage	100 - 240 V
		AC input frequency	50/60 Hz
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Power supply type	Internal
		Operational conditions	
DDC/CI	✓	Operating temperature (T-T)	0 - 40 °C

Display

Haze rate	25%
Surface hardness	3H
Colour gamut standard	DCI-P3
Colour gamut	95%
sRGB coverage (typical)	128%
NTSC coverage (typical)	110%
Adobe RGB coverage	90%
Display sRGB	✔

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
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 *	White

Ports & interfaces

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

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington

Operational conditions

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)	614 mm
Depth (with stand)	261 mm
Height (with stand)	519 mm
Weight (with stand)	5.82 kg
Width (without stand)	614 mm
Depth (without stand)	60 mm
Height (without stand)	368 mm
Weight (without stand)	4 kg

Packaging data

Package width	730 mm
Package depth	188 mm
Package height	478 mm
Package weight	9.15 kg

Packaging content

Stand included	✔
Cables included	AC, DisplayPort, HDMI
Manual	✔

Other features

Brand specific technologies	Crosshair
Compatible operating systems	Mac OS X Windows 11/10
Exterior finish type	Textured
Picture enhancement	SmartImage game
Recyclable packaging material	100%
Regulatory Approvals	CB, CE Mark, TUV/ISO9241-307, TUV-BAUART, EAC, EAEU RoHS, UKCA, EMF, FCC, ICES-003
Adaptive synchronisation	✔
EasyRead mode	✔
LowBlue mode	✔
Compliance certificates	RoHS
Mean time between failures (MTBF)	50000 h

Recycling data

Post-consumer recycled plastic	35%

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