Philips Evnia 24M2N3201A/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD White

Brand : Philips

Product family: Evnia

Product code:
24M2N3201A/00

Product name :
24M2N3201A/00

Fast IPS Gaming monitor 24M2N3201A Full HD gaming monitor
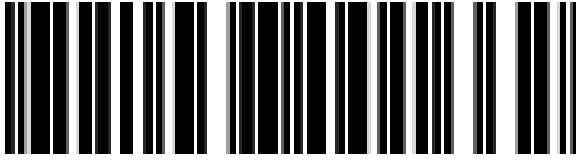
Philips Evnia 24M2N3201A/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD White:

This Fast IPS 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.
Philips Evnia 24M2N3201A/00. Display diagonal: 60.5 cm (23.8"), 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 *	60.5 cm (23.8")	Panel mounting interface	100 x 100 mm
Display resolution *	1920 x 1080 pixels	Cable lock slot *	✔
HD type *	Full HD	Cable lock slot type	Kensington
Native aspect ratio *	16:9	Height adjustment *	✔
Display technology *	LCD	Height adjustment	13 cm
Panel type *	IPS	Pivot	✔
LED backlight	✔	Pivot angle	-90 - 90°
Backlight type	W-LED	Swivelling	✔
Touchscreen *	✘	Swivel angle range	-30 - 30°
Display brightness (typical)	300 cd/m²	Tilt adjustment	✔
Response time *	1 ms	Tilt angle range	-5 - 20°
Anti-glare screen	✔	On Screen Display (OSD)	✔
Screen shape *	Flat	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
Contrast ratio (typical) *	1000:1		
Dynamic contrast ratio marketing name	Mega Infinity DCR		
Maximum refresh rate *	180 Hz	Number of OSD languages	21
Viewing angle, horizontal	178°	Plug and Play	✔
Viewing angle, vertical	178°	LED indicators	Operation, Stand-by
Display number of colours *	16.7 million colours	**Power**	
Response time (fast)	0.5 ms	Power consumption (typical) *	18.7 W
Pixel pitch	0.2745 x 0.2745 mm	Power consumption (standby) *	0.5 W
Pixel density	92.56 ppi	Power consumption (off)	0.3 W
Horizontal scan range	30 - 200 kHz	AC input voltage	100 - 240 V
Vertical scan range	48 - 180 Hz	AC input frequency	50/60 Hz
Viewable size, horizontal	52.7 cm	Power supply type	Internal
Viewable size, vertical	29.6 cm		
Display diagonal (metric)	60.5 cm		
High Dynamic Range (HDR) supported	✔		

Display

High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	DCI-P3
Colour gamut	93%
sRGB coverage (typical)	126%
NTSC coverage (typical)	113%
Adobe RGB coverage	88%
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
Audio output	✔
HDCP	✔
HDCP version	1.4/2.2

Ergonomics

VESA mounting *	✔

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)	540 mm
Depth (with stand)	261 mm
Height (with stand)	515 mm
Weight (with stand)	4.56 kg
Width (without stand)	540 mm
Depth (without stand)	55 mm
Height (without stand)	325 mm
Weight (without stand)	2.76 kg

Packaging data

Package width	730 mm
Package depth	188 mm
Package height	420 mm
Package weight	7.38 kg

Packaging content

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

Other features

Brand specific technologies	Crosshair
Low input lag	✔
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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