

Philips Evnia 24M2N3200S/00, 60.5 cm (23.8"), 1920 x 1080 pixels, Full HD, LCD, 1 ms, Black

Fast IPS Gaming monitor 24M2N3200S Full HD gaming monitor

Group	Flat Screens
Manufacturer	Philips
Manufacturer item no.	24M2N3200S/00
EAN/UPC	8712581805838



Description

This Fast IPS monitor allows you to game with ultimate precision and speed at 200Hz. With sharp HDR quality imagery and Full HD resolution guaranteed, this monitor produces an excellent all-around gaming experience.

Main features

	General
Display diagonal	60.5 cm
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)	Yes
VESA mounting	Yes
Product colour	Black

Extended details

	Display
Display diagonal	60.5 cm
Display resolution	1920 x 1080 pixels
Native aspect ratio	16:9
Display technology	LCD
Touchscreen	No
HD type	Full HD
Panel type	IPS

LED backlight	Yes
Backlight type	W-LED
Display brightness (typical)	300 cd/m ²
Response time	1 ms
Response time measurement type	GTG (Gray to Gray)
Anti-glare screen	Yes
Screen shape	Flat
Contrast ratio (typical)	1000:1
Dynamic contrast ratio marketing name	Mega Infinity DCR
Maximum refresh rate	180 Hz
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Display number of colours	16.7 million colours
Response time (fast)	0.5 ms
SmartResponse	1 ms
Pixel pitch	0.275 x 0.275 mm
Pixel density	93 ppi
Horizontal scan range	30 - 200 kHz
Vertical scan range	48 - 180 Hz
Viewable size, horizontal	52.7 cm
Viewable size, vertical	29.6 cm
Display diagonal (metric)	60.5 cm
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
DDC/CI	Yes
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	110 %
Display sRGB	Yes
Ports & interfaces	
Built-in USB hub	No

HDMI	Yes
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Audio output	Yes
HDCP	Yes
HDCP version	1.4/2.2
Design	
Market positioning	Gaming
Product colour	Black
Colour name	Charcoal
Multimedia	
Built-in speaker(s)	Yes
Number of speakers	2
RMS rated power	4 W
Built-in camera	No
Ergonomics	
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Tilt adjustment	Yes
Tilt angle range	-5 - 20 °
On Screen Display (OSD)	Yes
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
Plug and Play	Yes
LED indicators	Operation, Stand-by
Performance	
Component video sync	Separate sync
Flicker-free technology	Yes
Low Blue Light technology	Yes
Other features	
Low input lag	Yes
Compatible operating systems	Mac OS X Windows 10 / 11
Exterior finish type	Textured
Recyclable packaging material	100 %

EasyRead mode	Yes
LowBlue mode	Yes
Compliance certificates	RoHS
Mean time between failures (MTBF)	50000 h
Picture enhancement	SmartImage game
Regulatory Approvals	CB, TUV/ISO 9241-307, TUV-BAUART, EAC, BSMI, CE marking, UKCA, EMV, FCC, ICES-003, MEPS, PSB, E-standby, KC
	Packaging content
Stand included	Yes
Cables included	AC, DisplayPort, HDMI
Manual	Yes
	Weight & dimensions
Width (with stand)	540 mm
Depth (with stand)	195 mm
Height (with stand)	433 mm
Weight (with stand)	3.38 kg
Width (without stand)	540 mm
Depth (without stand)	55 mm
Height (without stand)	325 mm
Weight (without stand)	2.77 kg
	Packaging data
Package width	610 mm
Package depth	126 mm
Package height	395 mm
Package weight	5.51 kg
	Power
Power consumption (typical)	18.7 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
	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
	Recycling data
Post-consumer recycled plastic	85 %
	Sustainability
Sustainability compliance	Yes