

PHILIPS

Philips Momentum 32M1N5800A LED display 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD LCD Black

Brand : Philips

Product family: Momentum

Product code: 32M1N5800A

Product name : 32M1N5800A

Evnia 5000 4K UHD gaming monitor

Philips Momentum 32M1N5800A LED display 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD LCD Black:

This Philips gaming monitor brings games to life with its 4K IPS display and DisplayHDR 400. Rapid 144 Hz refresh rate, 1 ms response time and Sync technology guarantee smooth visuals.

Philips Momentum 32M1N5800A. Display diagonal: 80 cm (31.5"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra 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). Built-in USB hub. VESA mounting, Height adjustment. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	80 cm (31.5")	HDCP version	1.4/2.2
Display resolution *	3840 x 2160 pixels	Ergonomics	
HD type *	4K Ultra HD	VESA mounting *	✓
Native aspect ratio *	16:9	Panel mounting interface	100 x 100 mm
Display technology *	LCD	Cable lock slot *	✓
Panel type *	IPS	Cable lock slot type	Kensington
Backlight type	W-LED	Height adjustment *	✓
Touchscreen *	✗	Height adjustment	13 cm
Display brightness (typical)	500 cd/m ²	Pivot	✓
Response time	1 ms	Pivot angle	-90 - 90°
Anti-glare screen	✓	Swivelling	✓
Screen shape *	Flat	Swivel angle range	-45 - 45°
Contrast ratio (typical) *	1000:1	Tilt angle range	-5 - 20°
Dynamic contrast ratio marketing name	Mega Infinity DCR	On Screen Display (OSD)	✓
Maximum refresh rate *	144 Hz	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
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°	LED indicators	Operation, Stand-by
Display number of colours *	1.07 billion colours	Tilt adjustment	✓
Response time (fast)	1 ms	Power	
Pixel pitch	0.181 x 0.181 mm	Energy efficiency class (SDR) *	G
Pixel density	139.87 ppi	Energy efficiency class (HDR) *	G
Horizontal scan range	30 - 255 kHz	Energy consumption (SDR) per 1000 hours *	68 kWh
Vertical scan range	48 - 144 Hz	Energy consumption (HDR) per 1000 hours *	75 kWh
Viewable size, horizontal	69.7 cm	Power consumption (typical) *	64 W
Viewable size, vertical	39.2 cm		
Display diagonal (metric)	80 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	DisplayHDR 400		

Display		Power	
DDC/CI	✓	Power consumption (standby) *	0.5 W
Haze rate	25%	Power consumption (off)	0.3 W
Surface hardness	3H	AC input voltage	100 - 240 V
RGB colour space	sRGB	AC input frequency	50 - 60 Hz
sRGB coverage (typical)	124%	Power supply type	Internal
NTSC coverage (typical)	113%	Energy efficiency scale	A to G
Adobe RGB coverage	87.5%	Operational conditions	
Display sRGB	✓	Operating temperature (T-T)	0 - 40 °C
Performance		Storage temperature (T-T)	-20 - 60 °C
NVIDIA G-SYNC *	✓	Operating relative humidity (H-H)	20 - 80%
NVIDIA G-SYNC type	G-SYNC Compatible	Operating altitude	0 - 3658 m
AMD FreeSync *	✓	Non-operating altitude	0 - 12192 m
AMD FreeSync type	FreeSync Premium	Weight & dimensions	
Fast charging	✓	Width (with stand)	715 mm
Component video sync	Separate sync	Depth (with stand)	297 mm
Flicker-free technology	✓	Height (with stand)	640 mm
Low Blue Light technology	✓	Weight (with stand)	10.6 kg
Low input lag	✓	Width (without stand)	715 mm
Multimedia		Depth (without stand)	60 mm
Built-in speaker(s) *	✓	Height (without stand)	420 mm
Built-in camera *	✗	Weight (without stand)	7.74 kg
Number of speakers	2	Packaging data	
RMS rated power	10 W	Package width	930 mm
Design		Package depth	186 mm
Market positioning *	Gaming	Package height	526 mm
Product colour *	Black	Package weight	15.4 kg
Ports & interfaces		Sustainability	
Built-in USB hub *	✓	Sustainability certificates	RoHS
USB upstream port type	USB Type-B	Doesn't contain	Mercury, PVC/BFR
Number of upstream ports	1	Other features	
USB Type-A downstream ports quantity	4	Picture-by-Picture (PbP)	✓
HDMI *	✓	Exterior finish type	Textured
HDMI ports quantity	2	Picture enhancement	SmartImage game
HDMI version	2.1	Recyclable packaging material	100%
DisplayPorts quantity	2	Delta E	2
DisplayPort version	1.4	EasyRead mode	✓
Audio output	✓	LowBlue mode	✓
HDCP	✓	Philips SmartUniformity	93 - 105%
		Mean time between failures (MTBF)	50000 h

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 10-OCT-2023. Prints or copies of Information are only valid on the printed Publication date