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		Ergonomics	
Display diagonal *	80 cm (31.5")	VESA mounting *	✓
Display resolution *	3840 x 2160 pixels	Panel mounting interface	100 x 100 mm
HD type *	4K Ultra HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LCD	Height adjustment *	✓
Panel type *	IPS	Height adjustment	13 cm
Backlight type	W-LED	Pivot	✓
Touchscreen *	×	Pivot angle	-90 - 90°
Display brightness (typical)	500 cd/m²	Swivelling	✓
Response time *	1 ms	Swivel angle range	-45 - 45°
Anti-glare screen	✓	Tilt adjustment	✓
Screen shape *	Flat	Tilt angle range	-5 - 20°
Contrast ratio (typical) *	1000:1	On Screen Display (OSD)	✓
Dynamic contrast ratio marketing name	Mega Infinity DCR		Simplified Chinese, Traditional Chinese, Czech, German, Dutch,
Maximum refresh rate *	144 Hz	On Screen Display (OSD) languages	English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese,
Viewing angle, horizontal	178°		Korean, Polish, Portuguese, Russian,
Viewing angle, vertical	178°		Swedish, Turkish, Ukrainian
Display number of colours *	1.07 billion colours	Plug and Play	V
Response time (fast)	1 ms	LED indicators	Operation, Stand-by
Pixel pitch	0.181 x 0.181 mm	Power	
Pixel density	139.87 ppi	Energy efficiency class (SDR) *	G
Horizontal scan range	30 - 255 kHz	Energy efficiency class (HDR) *	G
Vertical scan range	48 - 144 Hz	Energy consumption (SDR) per 1000	68 kWh
Viewable size, horizontal	69.7 cm	hours *	OO KVVII
Viewable size, vertical Display diagonal (metric)	39.2 cm 80 cm	Energy consumption (HDR) per 1000 hours *	75 kWh
High Dynamic Range (HDR)	1	Power consumption (typical) *	64 W
supported	*	Power consumption (standby) *	0.5 W
High Dynamic Range (HDR) technology	DisplayHDR 400	Power consumption (off)	0.3 W

Display		Power	
DISPIAY DDC/CI Haze rate Surface hardness Colour gamut standard sRGB coverage (typical) NTSC coverage (typical) Adobe RGB coverage	25% 3H sRGB 124% 113% 87.5%	AC input voltage AC input frequency Power supply type Energy efficiency scale European Product Registry for Energy Labelling (EPREL) code Operational conditions	100 - 240 V 50 - 60 Hz Internal A to G 1028825
Display sRGB	1	Operating temperature (T-T)	0 - 40 °C
Performance NVIDIA G-SYNC * NVIDIA G-SYNC type AMD FreeSync *	G-SYNC Compatible	Storage temperature (T-T) Operating relative humidity (H-H) Operating altitude Non-operating altitude	-20 - 60 °C 20 - 80% 0 - 3658 m 0 - 12192 m
AMD FreeSync type	FreeSync Premium	Weight & dimensions	
Fast charging Component video sync Flicker-free technology Low Blue Light technology	Separate sync	Width (with stand) Depth (with stand) Height (with stand) Weight (with stand)	715 mm 297 mm 640 mm 10.6 kg
Multimedia Number of speakers RMS rated power Built-in speaker(s) *	2 10 W	Width (without stand) Depth (without stand) Height (without stand) Weight (without stand)	715 mm 60 mm 420 mm 7.74 kg
Built-in camera *	×	Packaging data	
Design Market positioning * Product colour *	Gaming Black	Package width Package depth Package height Package weight	930 mm 186 mm 526 mm 15.4 kg
Ports & interfaces		Sustainability	-
Built-in USB hub * 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 HDMI * HDMI ports quantity HDMI version DisplayPorts quantity DisplayPort version Audio output HDCP HDCP version	4 2 2.1 2 1.4 1.4/2.2	Low input lag Picture-by-Picture (PbP) Exterior finish type Picture enhancement Recyclable packaging material Delta E EasyRead mode LowBlue mode Philips SmartUniformity Compliance certificates Mean time between failures (MTBF)	Textured SmartImage game 100% 2

