PHILIPS

Philips Momentum 24M1N3200ZA/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LED Black



Brand : Philips

Product family: Momentum

Product code:
24M1N3200ZA/00

Product name :
24M1N3200ZA/00

Gaming Monitor 24M1N3200ZA Full HD gaming monitor

Philips Momentum 24M1N3200ZA/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LED Black:



This Philips gaming monitor is an ideal all-around display for intense PC games. A rapid 165Hz refresh rate and 1ms response time deliver smooth gameplay. Includes a visually immersive slim-frame display and Ultra Wide-Color.
Philips Momentum 24M1N3200ZA/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LED, Display surface: Matt, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). VESA mounting, Height adjustment. Product colour: Black



Display	
Display diagonal *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
HD type *	Full HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	IPS
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	250 cd/m²
Response time *	4 ms
Response time (MPRT)	1 ms
Display surface	Matt
Anti-glare screen	✔
Screen shape *	Flat
Aspect ratio	16:9
Contrast ratio (typical) *	1100:1
Dynamic contrast ratio marketing name	Mega Infinity DCR
Maximum refresh rate *	165 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Response time (fast)	1 ms
Pixel pitch	0.2745 x 0.2745 mm
Pixel density	92.56 ppi
Horizontal scan range	30 - 200 kHz
Vertical scan range	48 - 165 Hz
Viewable size, horizontal	52.7 cm

Ergonomics	
Pivot angle	-90 - 90°
Swivelling	✔
Swivel angle range	-45 - 45°
Tilt adjustment	✔
Tilt angle range	-5 - 20°
On Screen Display (OSD)	✔
On Screen Display (OSD) languages	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Number of OSD languages	21
Plug and Play	✔
LED indicators	Operation, Stand-by

Power	
Energy efficiency class (SDR) *	E
Energy efficiency class (HDR) *	Not available
Energy consumption (SDR) per 1000 hours *	21 kWh
Power consumption (typical) *	23.8 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	External
Energy efficiency scale	A to G

Display	
Viewable size, vertical	29.6 cm
Display diagonal (metric)	60.5 cm
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB, NTSC, Adobe RGB
Colour gamut	106%
sRGB coverage (typical)	123.9%
NTSC coverage (typical)	106%
Adobe RGB coverage	90.4%
Display sRGB	✔
Display panel size	23.8 inch / 60.5 cm

Performance	
NVIDIA G-SYNC *	✘
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium
Component video sync	Separate Sync
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia	
Number of speakers	2
RMS rated power	6 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design	
Market positioning *	Gaming
Product colour *	Black
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✘
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Audio output	✔
HDCP	✔
HDCP version	2.2

Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	13 cm
Pivot	✔

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	0 - 12192 m

Weight & dimensions	
Width (with stand)	540 mm
Depth (with stand)	213 mm
Height (with stand)	513 mm
Weight (with stand)	3.78 kg
Width (without stand)	540 mm
Depth (without stand)	43 mm
Height (without stand)	321 mm
Weight (without stand)	2.4 kg

Packaging data	
Package width	600 mm
Package depth	164 mm
Package height	526 mm
Package weight	5.73 kg

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

Sustainability	
Sustainability compliance	✔
Doesn't contain	Mercury, PVC/BFR

Other features	
Low input lag	✔
Compatible operating systems	DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
Exterior finish type	Textured
Monitor sync input signal	Separate Sync
User controls	Power On/Off, Menu/OK, Input/Up, Game Settings/Down, SmartImage game/Back
Picture enhancement	SmartImage game
Regulatory Approvals	CB, CE Mark, FCC Class B, ICES-003, CU-EAC, EAEU RoHS, TUV/ISO9241-307, TUV-BAUART
EasyRead mode	✔
LowBlue mode	✔
Energy efficiency class (legacy scale)	F
Compliance certificates	RoHS
Mean time between failures (MTBF)	50000 h
Certification	CB, CE Mark, FCC Class B, ICES-003, CU-EAC, EAEU RoHS, TUV/ISO9241-307, TUV-BAUART

Recycling data	
Packaging recyclability rate	100%

Logistics data	
Harmonized System (HS) code	85285210

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Catalog Object Cloud

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