

## 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

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24M1N3200ZA/00



Gaming Monitor 24M1N3200ZA Full HD gaming monitor

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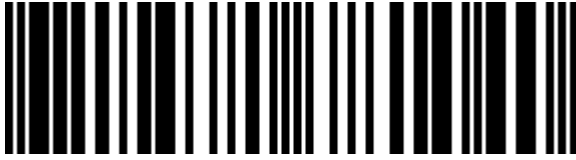
This Philips gaming monitor is an ideal all-around display for intense PC games. A rapid 165 Hz refresh rate and 1 ms response time deliver smooth gameplay. Includes a visually immersive slim-frame display and Ultra Wide-Color.

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		Ergonomics	
Display diagonal *	60.5 cm (23.8")	Height adjustment	13 cm
Display resolution *	1920 x 1080 pixels	Pivot	✓
HD type *	Full HD	Pivot angle	-90 - 90°
Native aspect ratio *	16:9	Swivelling	✓
Display technology *	LED	Swivel angle range	-45 - 45°
Panel type *	IPS	Tilt angle range	-5 - 20°
Backlight type	W-LED	On Screen Display (OSD)	✓
Touchscreen *	✗	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
Display brightness (typical)	250 cd/m <sup>2</sup>	Number of OSD languages	21
Response time	4 ms	Plug and Play	✓
Display surface	Matt	LED indicators	Operation, Stand-by
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		
Viewable size, vertical	29.6 cm		
Display diagonal (metric)	60.5 cm		
DDC/CI	✓		
Haze rate	25%		
		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
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Storage temperature (T-T)	-20 - 60 °C

<b>Display</b>		<b>Operational conditions</b>	
Surface hardness	3H	Operating relative humidity (H-H)	20 - 80%
Colour gamut standard	sRGB	Operating altitude	0 - 3658 m
sRGB coverage (typical)	123.9%	Non-operating altitude	3658 - 12192 m
NTSC coverage (typical)	106%	<b>Packaging content</b>	
Adobe RGB coverage	90.4%	Stand included	✓
Display sRGB	✓	Cables included	HDMI, DisplayPort, AC
<b>Performance</b>		Manual	✓
NVIDIA G-SYNC *	✗	<b>Weight &amp; dimensions</b>	
AMD FreeSync *	✓	Width (with stand)	540 mm
AMD FreeSync type	FreeSync Premium	Depth (with stand)	213 mm
Component video sync	Separate sync	Height (with stand)	513 mm
Flicker-free technology	✓	Weight (with stand)	3.78 kg
Low Blue Light technology	✓	Width (without stand)	540 mm
Low input lag	✓	Depth (without stand)	43 mm
Compatible operating systems	Mac OS X Windows 10 / 8.1 / 8 / 7	Height (without stand)	321 mm
<b>Multimedia</b>		Weight (without stand)	2.4 kg
Built-in speaker(s) *	✓	<b>Packaging data</b>	
Built-in camera *	✗	Package width	600 mm
Number of speakers	2	Package depth	164 mm
RMS rated power	6 W	Package height	526 mm
<b>Design</b>		Package weight	5.73 kg
Market positioning *	Gaming	<b>Sustainability</b>	
Product colour *	Black	Sustainability compliance	✓
Feet colour	Black	Sustainability certificates	RoHS
Certification	CB, CE Mark, FCC Class B, ICES-003, CU-EAC, EAEU RoHS, TUV/ISO9241-307, TUV-BAUART	Doesn't contain	Mercury, PVC/BFR
<b>Ports &amp; interfaces</b>		European Product Registry for Energy Labelling (EPREL) code	913516
Built-in USB hub *	✗	<b>Logistics data</b>	
HDMI *	✓	Harmonized System (HS) code	85285210
HDMI ports quantity	2	<b>Technical details</b>	
HDMI version	2.0	Compliance certificates	RoHS
DisplayPorts quantity	1	<b>Other features</b>	
DisplayPort version	1.2	Exterior finish type	Textured
Audio output	✓	Picture enhancement	SmartImage game
HDCP	✓	Recyclable packaging material	100%
HDCP version	2.2	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV/ISO9241-307; TUV-BAUART
<b>Ergonomics</b>		EasyRead mode	✓
VESA mounting *	✓	LowBlue mode	✓
Panel mounting interface	100 x 100 mm	Energy efficiency class (old)	F
Cable lock slot *	✓	Mean time between failures (MTBF)	50000 h
Cable lock slot type	Kensington		
Height adjustment *	✓		



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