

PHILIPS

Philips Momentum 27M1N5500ZA/00 LED display 68.6 cm (27") 2560 x 1440 pixels Quad HD Black

Brand : Philips

Product family: Momentum

Product code:
27M1N5500ZA/00

Product name :
27M1N5500ZA/00

Evia 5000 27" (68.5 cm) Quad HD gaming monitor

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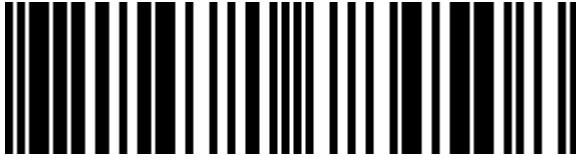
This Philips gaming monitor delivers crystal-clear visuals and smooth gameplay. FreeSync, rapid 170Hz refresh rate with HDR create a polished and lifelike experience. The slim-frame display with Ultra Wide-Color enhances visual immersion.

Philips Momentum 27M1N5500ZA/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LED, Display surface: Matt, 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, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Height adjustment *	✓
Display resolution *	2560 x 1440 pixels	Height adjustment	13 cm
HD type *	Quad HD	Pivot	✓
Native aspect ratio *	16:9	Pivot angle	-90 - 90°
Display technology *	LED	Swivelling	✓
Panel type *	Nano IPS	Swivel angle range	-45 - 45°
Backlight type	W-LED	Tilt angle range	-5 - 20°
Touchscreen *	✗	On Screen Display (OSD)	✓
Display brightness (typical)	350 cd/m ²	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
Response time	1 ms	Number of OSD languages	21
Display surface	Matt	Plug and Play	✓
Anti-glare screen	✓	LED indicators	Operation, Stand-by
Screen shape *	Flat	Tilt adjustment	✓
Aspect ratio	16:9	Power	
Contrast ratio (typical) *	1000:1	Energy efficiency class (SDR) *	F
Dynamic contrast ratio marketing name	Mega Infinity DCR	Energy efficiency class (HDR) *	G
Maximum refresh rate *	170 Hz	Energy consumption (SDR) per 1000 hours *	32 kWh
Viewing angle, horizontal	178°	Energy consumption (HDR) per 1000 hours *	46 kWh
Viewing angle, vertical	178°	Power consumption (typical) *	31.8 W
Display number of colours *	1.07 billion colours	Power consumption (standby) *	0.5 W
Response time (fast)	1 ms	Power consumption (off)	0.3 W
Pixel pitch	0.2331 x 0.2331 mm	AC input voltage	100 - 240 V
Pixel density	108.79 ppi	AC input frequency	50 - 60 Hz
Horizontal scan range	30 - 230 kHz	Power supply type	External
Vertical scan range	48 - 144 Hz		
Viewable size, horizontal	59.7 cm		
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.5 cm		
DDC/CI	✓		
Haze rate	25%		
Surface hardness	3H		

Display		Operational conditions	
sRGB coverage (typical)	133%	Operating temperature (T-T)	0 - 40 °C
NTSC coverage (typical)	113%	Storage temperature (T-T)	-20 - 60 °C
Adobe RGB coverage	93%	Operating relative humidity (H-H)	20 - 80%
Display sRGB	✓	Operating altitude	0 - 3658 m
Performance		Non-operating altitude	0 - 12192 m
NVIDIA G-SYNC *	✗	Packaging content	
AMD FreeSync *	✓	Stand included	✓
AMD FreeSync type	FreeSync Premium	Cables included	HDMI, DisplayPort, USB, AC
Component video sync	Separate sync	Manual	✓
Flicker-free technology	✓	Weight & dimensions	
Low Blue Light technology	✓	Width (with stand)	614 mm
Low input lag	✓	Depth (with stand)	212 mm
Compatible operating systems	Mac OS X, Windows 10 / 8.1 / 8 / 7	Height (with stand)	549 mm
Multimedia		Weight (with stand)	4.8 kg
Built-in speaker(s) *	✓	Width (without stand)	614 mm
Built-in camera *	✗	Depth (without stand)	43 mm
Number of speakers	2	Height (without stand)	363 mm
RMS rated power	10 W	Weight (without stand)	3.4 kg
Design		Packaging data	
Market positioning *	Gaming	Package width	780 mm
Product colour *	Black	Package depth	224 mm
Heavy metals free	Hg (mercury)	Package height	521 mm
Certification	CB, CU-EAC, EAEU RoHS, TUV/ISO9241-307, TUV-BAUART, CE Mark, FCC Class B, ICES-003	Package weight	9.74 kg
Ports & interfaces		Package type	Box
Built-in USB hub *	✓	Sustainability	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Sustainability certificates	RoHS
USB upstream port type	USB Type-B	Doesn't contain	Mercury, PVC/BFR
Number of upstream ports	1	European Product Registry for Energy Labelling (EPREL) code	958737
HDMI *	✓	Logistics data	
HDMI ports quantity	2	Harmonized System (HS) code	85285210
HDMI version	2.0	Other features	
DisplayPorts quantity	2	DCI-P3 coverage	98%
DisplayPort version	1.4	Exterior finish type	Textured
Audio output	✓	Picture enhancement	SmartImage game
HDCP	✓	Recyclable packaging material	100%
HDCP version	2.2	Regulatory Approvals	CB; CU-EAC; EAEU RoHS; TUV/ISO9241-307; TUV-BAUART; CE Mark; FCC Class B; ICES-003
Ergonomics		Delta E	2
VESA mounting *	✓	EasyRead mode	✓
Panel mounting interface	100 x 100 mm	LowBlue mode	✓
Cable lock slot *	✓	Philips SmartUniformity	97 - 102%
Cable lock slot type	Kensington	Mean time between failures (MTBF)	50000 h



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