

PHILIPS

## Philips Momentum 27M1C5500VL/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

**Brand :** Philips

**Product family:** Momentum

**Product code:**  
27M1C5500VL/00

**Product name :**  
27M1C5500VL/00



Curved Gaming Monitor 27M1C5500VL Quad HD gaming monitor

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This Philips gaming monitor delivers crystal-clear visuals and smooth gameplay. Sync technology, 165Hz refresh rate with HDR create a lifelike experience. The slim-frame display with Ultra Wide-Color enhances visual immersion.

Philips Momentum 27M1C5500VL/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. VESA mounting. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	VESA mounting *	✓
Display resolution *	2560 x 1440 pixels	Panel mounting interface	100 x 100 mm
HD type *	Quad HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LCD	Tilt adjustment	✓
Panel type *	VA	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>	Plug and Play	✓
Response time *	4 ms	LED indicators	Operation, Stand-by
Anti-glare screen	✓		
Screen shape *	Curved		
Screen curvature rating	1500R		
Supported graphics resolutions	2560 x 1440		
Contrast ratio (typical) *	4000:1		
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	0.2331 x 0.2331 mm		
Pixel density	108.79 ppi		
Horizontal scan range	30 - 250 kHz		
Vertical scan range	48 - 165 Hz		
Viewable size, horizontal	59.7 cm		
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.5 cm		
		<b>Power</b>	
		Energy efficiency class (SDR) *	F
		Energy efficiency class (HDR) *	G
		Energy consumption (SDR) per 1000 hours *	26 kWh
		Energy consumption (HDR) per 1000 hours *	46 kWh
		Power consumption (typical) *	38.7 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	Internal
		European Product Registry for Energy Labelling (EPREL) code	1291683

Display		Operational conditions	
High Dynamic Range (HDR) supported	✓	Operating temperature (T-T)	0 - 40 °C
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Storage temperature (T-T)	-20 - 60 °C
DDC/CI	✓	Operating relative humidity (H-H)	20 - 80%
Haze rate	25%	Operating altitude	0 - 3658 m
Surface hardness	3H	Non-operating altitude	0 - 12192 m
Colour depth	8 bit	Weight & dimensions	
sRGB coverage (typical)	126.5%	Width (with stand)	611 mm
NTSC coverage (typical)	95.6%	Depth (with stand)	193 mm
Display sRGB	✓	Height (with stand)	447 mm
Performance		Weight (with stand)	5.49 kg
NVIDIA G-SYNC *	✗	Width (without stand)	611 mm
AMD FreeSync *	✗	Depth (without stand)	83 mm
VESA Adaptive Sync support	✓	Height (without stand)	366 mm
Component video sync	Separate sync	Weight (without stand)	4.18 kg
Flicker-free technology	✓	Packaging data	
Low Blue Light technology	✓	Package width	730 mm
Game mode	✓	Package depth	226 mm
Multimedia		Package height	469 mm
Built-in speaker(s) *	✗	Package weight	9.2 kg
Built-in camera *	✗	Packaging content	
Design		Stand included	✓
Market positioning *	Gaming	Cables included	HDMI, DisplayPort, AC
Product colour *	Black	Manual	✓
Frameless design	✓	Sustainability	
Front bezel colour	Black	Doesn't contain	Mercury, PVC/BFR
Ports & interfaces		Other features	
Built-in USB hub *	✗	Low input lag	✓
HDMI *	✓	Exterior finish type	Textured
HDMI ports quantity	2	Picture enhancement	SmartImage game
HDMI version	2.0	Recyclable packaging material	100%
DisplayPorts quantity	1	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV/ISO9241-307; TUV-BAUART
DisplayPort version	1.4	EasyRead mode	✓
Audio output	✓	LowBlue mode	✓
HDCP	✓	Compliance certificates	RoHS
HDCP version	1.4/2.2	Mean time between failures (MTBF)	50000 h
AC (power) in	✓		



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