

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

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

This Philips gaming monitor delivers crystal-clear visuals and smooth gameplay. Sync technology, 165 Hz 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

Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	Quad HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	VA
Backlight type	W-LED
Touchscreen *	✗
Display brightness (typical)	250 cd/m ²
Response time	4 ms
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
High Dynamic Range (HDR) supported	✓

Ports & interfaces

AC (power) in ✓

Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Tilt adjustment	✓
Tilt angle range	-5 - 20°
On Screen Display (OSD)	✓
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
Plug and Play	✓
LED indicators	Operation, Stand-by

Power

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

Operational conditions

Operating temperature (T-T)	0 - 40 °C
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Display		Operational conditions	
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	Packaging content	
sRGB coverage (typical)	126.5%	Stand included	✓
NTSC coverage (typical)	95.6%	Cables included	HDMI, DisplayPort, AC
Display sRGB	✓	Manual	✓
Performance		Weight & dimensions	
NVIDIA G-SYNC *	✗	Width (with stand)	611 mm
AMD FreeSync *	✗	Depth (with stand)	193 mm
VESA Adaptive Sync support	✓	Height (with stand)	447 mm
Component video sync	Separate sync	Weight (with stand)	5.49 kg
Flicker-free technology	✓	Width (without stand)	611 mm
Low Blue Light technology	✓	Depth (without stand)	83 mm
Low input lag	✓	Height (without stand)	366 mm
Game mode	✓	Weight (without stand)	4.18 kg
Multimedia		Packaging data	
Built-in speaker(s) *	✗	Package width	730 mm
Built-in camera *	✗	Package depth	226 mm
Design		Package height	469 mm
Market positioning *	Gaming	Package weight	9.2 kg
Product colour *	Black	Sustainability	
Frameless design	✓	Sustainability certificates	RoHS
Front bezel colour	Black	Doesn't contain	Mercury, PVC/BFR
Ports & interfaces		European Product Registry for Energy Labelling (EPREL) code	1291683
Built-in USB hub *	✗	Other features	
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	✓	Mean time between failures (MTBF)	50000 h
HDCP version	1.4/2.2		



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