PHILIPS

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

Brand : Philips

Product family: Momentum

Product code: 27M1N5500ZA/00

Product name : 27M1N5500ZA/00

Gaming Monitor 27M1N5500ZA Quad HD gaming monitor

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

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	
Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	Quad HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	Nano IPS
Backlight type	W-LED
Touchscreen *	✗
Display brightness (typical)	350 cd/m²
Response time *	1 ms
Display surface	Matt
Anti-glare screen	✓
Screen shape *	Flat
Aspect ratio	16:9
Contrast ratio (typical) *	1000:1
Dynamic contrast ratio marketing name	Mega Infinity DCR
Maximum refresh rate *	170 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Response time (fast)	1 ms
Pixel pitch	0.2331 x 0.2331 mm
Pixel density	108.79 ppi
Horizontal scan range	30 - 230 kHz
Vertical scan range	48 - 144 Hz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	68.5 cm

Ergonomics	
Swivelling	✓
Swivel angle range	-45 - 45°
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
Number of OSD languages	21
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 *	32 kWh
Energy consumption (HDR) per 1000 hours *	46 kWh
Power consumption (typical) *	31.8 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

Operational conditions	
Operating temperature (T-T)	0 - 40 °C

Display	
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
sRGB coverage (typical)	133%
NTSC coverage (typical)	113%
Adobe RGB coverage	93%
DCI-P3 coverage	98%
Display sRGB	✔

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	10 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design	
Market positioning *	Gaming
Product colour *	Black

Ports & interfaces	
Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-B
Number of upstream ports	1
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	2
DisplayPort version	1.4
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	✔
Pivot angle	-90 - 90°

Operational conditions	
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)	614 mm
Depth (with stand)	212 mm
Height (with stand)	549 mm
Weight (with stand)	4.8 kg
Width (without stand)	614 mm
Depth (without stand)	43 mm
Height (without stand)	363 mm
Weight (without stand)	3.4 kg

Packaging data	
Package width	780 mm
Package depth	224 mm
Package height	521 mm
Package weight	9.74 kg
Package type	Box

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

Sustainability	
Doesn't contain	Mercury, PVC/BFR

Other features	
Low input lag	✔
Compatible operating systems	Mac OS X, Windows 10 / 8.1 / 8 / 7
Exterior finish type	Textured
Picture enhancement	SmartImage game
Regulatory Approvals	CB; CU-EAC; EAEU RoHS; TUV/ISO9241-307; TUV-BAUART; CE Mark; FCC Class B; ICES-003
Heavy metals free	Hg (mercury)
Delta E	2
EasyRead mode	✔
LowBlue mode	✔
Philips SmartUniformity	97 - 102%
Compliance certificates	RoHS
Mean time between failures (MTBF)	50000 h
Certification	CB, CU-EAC, EAEU RoHS, TUV/ISO9241-307, TUV-BAUART, CE Mark, FCC Class B, ICES-003

Recycling data	
Recyclable packaging material	100%

Logistics data	
Harmonized System (HS) code	85285210

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