

PHILIPS

## Philips Momentum 27M1N3500LS/00 LED display 68.6 cm (27") 2560 x 1440 pixels Quad HD Black

**Brand :** Philips

**Product family:** Momentum

**Product code:**  
27M1N3500LS/00

**Product name :**  
27M1N3500LS/00



Gaming Monitor 27M1N3500LS Quad HD gaming monitor

[Philips Momentum 27M1N3500LS/00 LED display 68.6 cm \(27"\) 2560 x 1440 pixels Quad HD Black:](#)

This Philips Evnia 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 27M1N3500LS/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: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). 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 *	LED
Panel type *	VA
Backlight type	W-LED
Touchscreen *	✗
Display brightness (typical)	250 cd/m <sup>2</sup>
Response time *	4 ms
Display surface	Matt
Anti-glare screen	✓
Screen shape *	Flat
Aspect ratio	16:9
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 - 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
High Dynamic Range (HDR) supported	✓

### Ergonomics

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

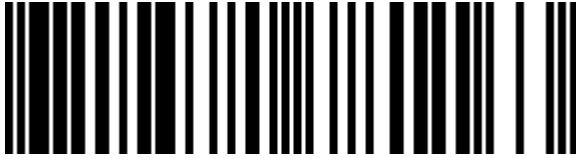
### Power

Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	31 kWh
Energy consumption (HDR) per 1000 hours *	31 kWh
Power consumption (typical) *	33 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	1061555

### Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m

<b>Display</b>		<b>Operational conditions</b>	
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Non-operating altitude	0 - 12192 m
DDC/CI	✓	<b>Weight &amp; dimensions</b>	
Haze rate	25%	Width (with stand)	614 mm
Surface hardness	3H	Depth (with stand)	193 mm
sRGB coverage (typical)	126.5%	Height (with stand)	447 mm
NTSC coverage (typical)	95.6%	Weight (with stand)	5.65 kg
Adobe RGB coverage	87.5%	Width (without stand)	614 mm
Display sRGB	✓	Depth (without stand)	55 mm
<b>Performance</b>		Height (without stand)	365 mm
AMD FreeSync *	✓	Weight (without stand)	4.2 kg
AMD FreeSync type	FreeSync Premium	<b>Packaging data</b>	
VESA Adaptive Sync support	✓	Package width	780 mm
Component video sync	Separate sync	Package depth	186 mm
Flicker-free technology	✓	Package height	525 mm
Low Blue Light technology	✓	Package weight	9.88 kg
<b>Multimedia</b>		Package type	Box
Number of speakers	2	<b>Packaging content</b>	
RMS rated power	10 W	Stand included	✓
Built-in speaker(s) *	✓	Cables included	HDMI, DisplayPort, AC
Built-in camera *	✗	Manual	✓
<b>Design</b>		<b>Sustainability</b>	
Market positioning *	Gaming	Doesn't contain	Mercury, PVC/BFR
Product colour *	Black	<b>Other features</b>	
<b>Ports &amp; interfaces</b>		Low input lag	✓
Built-in USB hub *	✗	Exterior finish type	Textured
HDMI *	✓	Picture enhancement	SmartImage game
HDMI ports quantity	2	Recyclable packaging material	100%
HDMI version	2.0	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV/ISO9241-307; TUV-BAUART
DisplayPorts quantity	1	EasyRead mode	✓
DisplayPort version	1.4	LowBlue mode	✓
Audio output	✓	Energy efficiency class (old)	G
HDCP	✓	Compliance certificates	RoHS
HDCP version	1.4/2.2	Mean time between failures (MTBF)	50000 h
<b>Ergonomics</b>		Certification	CB, CE Mark, FCC Class B, ICES-003, CU-EAC, EAEU RoHS, TUV/ISO9241-307, TUV-BAUART
VESA mounting *	✓	<b>Logistics data</b>	
Panel mounting interface	100 x 100 mm	Harmonized System (HS) code	85285210
Cable lock slot *	✓		
Cable lock slot type	Kensington		



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