

**Philips 2000 series 27E2N2500/00 computer monitor 68.6 cm (27")  
2560 x 1440 pixels Quad HD LCD Black**

**Brand :** Philips

**Product family:** 2000 series

**Product code:** 27E2N2500/00

**Product name :** 27E2N2500/00

Monitor 27E2N2500 Quad HD monitor

Philips 2000 series 27E2N2500/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black:

This monitor is packed with features that allow you to work with absolute precision. Its Quad HD resolution, along with a 120Hz refresh rate and 1ms MPRT, this monitor showcases detailed imagery with the utmost definition.

Philips 2000 series 27E2N2500/00. 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	Height adjustment *	✗
Panel type *	IPS	Tilt adjustment	✓
LED backlight	✓	Tilt angle range	-5 - 20°
Backlight type	W-LED	On Screen Display (OSD)	✓
Touchscreen *	✗		
Display brightness (typical)	300 cd/m²		Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Response time *	4 ms	On Screen Display (OSD) languages	
Response time measurement type	GTG (Gray to Gray)		
Response time (MPRT)	1 ms		
Anti-glare screen	✓	Number of OSD languages	21
Screen shape *	Flat	Plug and Play	✓
Contrast ratio (typical) *	1500:1	LED indicators	Operation, Stand-by
Dynamic contrast ratio marketing name	Mega Infinity DCR		
Maximum refresh rate *	120 Hz	Power	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	C
Viewing angle, vertical	178°	Energy efficiency class (HDR) *	Not available
Display number of colours *	16.7 million colours	Energy consumption (SDR) per 1000 hours *	13 kWh
Pixel pitch	0.2331 x 0.2331 mm	Power consumption (typical) *	22.97 W
Pixel density	109 ppi	Power consumption (standby) *	0.5 W
Horizontal scan range	30 - 140 kHz	Power consumption (off)	0.3 W
Vertical scan range	48 - 120 Hz	AC input voltage	100 - 240 V
Viewable size, horizontal	59.7 cm	AC input frequency	50/60 Hz
Viewable size, vertical	33.6 cm	Power supply type	External
Display diagonal (metric)	68.6 cm		

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	3658 - 12192 m
Display sRGB	✓	Weight & dimensions	
Performance		Width (with stand)	616 mm
NVIDIA G-SYNC *	✗	Depth (with stand)	200 mm
AMD FreeSync *	✗	Height (with stand)	454 mm
Flicker-free technology	✓	Weight (with stand)	3.22 kg
Low Blue Light technology	✓	Width (without stand)	616 mm
Multimedia		Depth (without stand)	33 mm
Built-in speaker(s) *	✗	Height (without stand)	359 mm
Built-in camera *	✗	Weight (without stand)	2.85 kg
Design		Packaging data	
Market positioning *	Home	Package width	690 mm
Product colour *	Black	Package depth	124 mm
Ports & interfaces		Package height	480 mm
Built-in USB hub *	✗	Package weight	5.56 kg
HDMI *	✓	Sustainability	
HDMI ports quantity	1	Doesn't contain	Mercury, PVC/BFR
HDMI version	2.0	Other features	
DisplayPorts quantity	1	Exterior finish type	Textured
DisplayPort version	1.4	Picture enhancement	SmartImage
HDCP	✓	Recyclable packaging material	100%
HDCP version	2.2	Adaptive synchronisation	✓
		EasyRead mode	✓
		LowBlue mode	✓
		Compliance certificates	BSMI, CB, CE, EMF, Federal Communications Commission (FCC), ICES, PSE, RoHS, UKCA
		Mean time between failures (MTBF)	50000 h



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Publication date: 08-MAY-2025. Prints or copies of Information are only valid on the printed Publication date