PHILIPS

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

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 *	IPS
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	300 cd/m²
Response time *	4 ms
Response time measurement type	GTG (Gray to Gray)
Response time (MPRT)	1 ms
Anti-glare screen	✔
Screen shape *	Flat
Contrast ratio (typical) *	1500:1
Dynamic contrast ratio marketing name	Mega Infinity DCR
Maximum refresh rate *	120 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.2331 x 0.2331 mm
Pixel density	109 ppi
Horizontal scan range	30 - 140 kHz
Vertical scan range	48 - 120 Hz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	68.6 cm

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✘
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) *	C
Energy efficiency class (HDR) *	Not available
Energy consumption (SDR) per 1000 hours *	13 kWh
Power consumption (typical) *	22.97 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

Display

High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Display sRGB	✔

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia

Built-in speaker(s) *	✘
Built-in camera *	✘

Design

Market positioning *	Home
Product colour *	Black

Ports & interfaces

Built-in USB hub *	✘
HDMI *	✔
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
HDCP	✔
HDCP version	2.2

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
Non-operating altitude	3658 - 12192 m

Weight & dimensions

Width (with stand)	616 mm
Depth (with stand)	200 mm
Height (with stand)	454 mm
Weight (with stand)	3.22 kg
Width (without stand)	616 mm
Depth (without stand)	33 mm
Height (without stand)	359 mm
Weight (without stand)	2.85 kg

Packaging data

Package width	690 mm
Package depth	124 mm
Package height	480 mm
Package weight	5.56 kg

Sustainability

Doesn't contain	Mercury, PVC/BFR

Other features

Exterior finish type	Textured
Picture enhancement	SmartImage
Recyclable packaging material	100%
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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