



## 27E2N2500/00

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

### GENERAL

Brand	Philips Monitors/MMD
Description	Monitor 27E2N2500 Quad HD monitor
Footnotes	<ul style="list-style-type: none"> <li>- Response time value equal to SmartResponse</li> <li>- MPRT adjusts the brightness for blur reduction, so the brightness cannot be adjusted while MPRT is turned on. To reduce motion blur, the LED backlight will strobe in time with the screen refresh rate, which may cause a noticeable change in brightness.</li> <li>- MPRT is a gaming-optimised mode. Turning on MPRT may cause noticeable screen flickering. It is recommended to turn this mode off when you are not using the gaming function.</li> <li>- The products and accessories listed on this leaflet may differ by country and region.</li> <li>- The monitor may look different from feature images.</li> </ul>

### DISPLAY INFORMATION

Effective viewing area	596.736 (H) x 335.664 (V) mm
Display Screen coating	Anti-Glare, 3H, Haze 25%
Response time (typical)	4 ms (Grey to Grey)*
Brightness	300 cd/m <sup>2</sup>
Contrast ratio (typical)	1500:1
Pixel Pitch	0.2331 x 0.2331 mm
Viewing Angle	178° (H)/178° (V); @ C/R > 10

Scanning Frequency	VGA: 30 Khz-85 kHz (H)/48 Hz-75 Hz (V); HDMI: 30 khz-140 kHz (H)/48 Hz-120 Hz (V)
sRGB	Yes
Picture enhancement	SmartImage
Pixel Density	109 PPI
LowBlue Mode	Yes
EasyRead	Yes
Adaptive Sync	Yes
MPRT	1 ms*
SmartContrast	Mega Infinity DCR
HDR	HDR 10

## OTHER INFORMATION

User convenience	Power On/Off; Menu; Brightness; Input; SmartImage
OSD languages	Brazil Portuguese; Czech; Dutch; English; Finnish; French; German; Greek; Hungarian; Italian; Japanese; Korean; Polish; Portuguese; Russian; Simplified Chinese; Spanish; Swedish; Traditional Chinese; Turkish; Ukrainian
Other convenience	Kensington lock; VESA mount (100 x 100 mm)
Plug and Play Compatibility	DDC/CI; Mac OS X; sRGB; Windows 11/10

## STAND

Tilt	-5/20 degree
------	--------------

## POWER CONSUMPTION

On mode	22.97 W (typ.)
Standby mode	0.5 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White; Standby mode - White (flashing)
Power supply	External; 100–240 VAC, 50–60 Hz
Energy label class	C

## PRODUCT DIMENSIONS

Product with stand (max height)	616 x 454 x 200 mm
Product without stand (mm)	616 x 359 x 33 mm
Packaging in mm ( W x H x D)	6900 x 480 x 124 mm

## WEIGHT

Product with stand (kg)	3.22 kg
-------------------------	---------

Product without stand (kg)	2.85 kg
Product with packaging (kg)	5.56 kg

OPERATING CONDITION	
Temperature range (operation)	0 to 40 °C
Temperature range (storage)	-20 to 60 °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
MTBF	50,000 hrs (excluding backlight)

SUSTAINABILITY	
Environmental and energy	RoHS
Recyclable packaging material	100 %
Specific Substances	PVC/BFR free housing

CABINET INFORMATION	
Colour	Black
Finish	Textured

CONNECTIVITY INFORMATION	
Signal input	DP1.4 X1 x 1, HDMI 2.0 x 1

COMPLIANCE AND STANDARDS	
Regulatory Approvals	CB; CE Mark; PSE; BSMI; UKCA; EMF; FCC; ICES-003