PHILIPS

Philips 2000 series 24E2N2100S/27 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black



Brand : Philips **Product family:** 2000 series **Product code:** 24E2N2100S/27

Product name :
24E2N2100S/27

Monitor 24E2N2100S Full HD LCD monitor

Philips 2000 series 24E2N2100S/27 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black:

This monitor is packed with features that allow you to work with absolute precision. Its Full HD resolution, along with an overclockable 144Hz refresh rate and IPS, this monitor showcases detailed imagery with the utmost color accuracy.
Philips 2000 series 24E2N2100S/27. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full 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 *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
HD type *	Full 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	0.2745 x 0.2745 mm
Pixel density	93 ppi
Horizontal scan range	30 - 85 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	52.7 cm
Viewable size, vertical	29.6 cm
Digital horizontal frequency	30 - 140 kHz
Digital vertical frequency	48 - 120 Hz
Display diagonal (metric)	60.5 cm
DDC/CI	✔

Ergonomics	
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	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Number of OSD languages	21
Plug and Play	✔
LED indicators	Operation, Stand-by

Power	
Energy efficiency class (SDR) *	Not available
Energy efficiency class (HDR) *	Not available
Power consumption (typical) *	16.4 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
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

Display	
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB
Display sRGB	✔
Display panel size	23.8 inch / 60.5 cm

Performance	
NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
VESA Adaptive Sync support	✔
Component video sync	Separate Sync
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 *	✘
VGA (D-Sub) ports quantity	1
HDMI *	✔
HDMI ports quantity	1
HDMI version	1.4
HDCP	✔
HDCP version	1.4

Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm

Weight & dimensions	
Width (with stand)	544 mm
Depth (with stand)	180 mm
Height (with stand)	413 mm
Weight (with stand)	2.46 kg
Width (without stand)	544 mm
Depth (without stand)	32 mm
Height (without stand)	319 mm
Weight (without stand)	2.18 kg

Packaging data	
Package width	610 mm
Package depth	126 mm
Package height	378 mm
Package weight	4.45 kg

Packaging content	
Stand included	✔
Cables included	HDMI, Power, VGA

Sustainability	
Doesn't contain	PVC/BFR

Other features	
Compatible operating systems	DDC/CI, Mac OS X, sRGB, Windows 11 / 10
Exterior finish type	Textured
Monitor sync input signal	Separate Sync
User controls	Power On/Off, Menu, Brightness, Input, SmartImage
Picture enhancement	SmartImage
Regulatory Approvals	CE Mark, FCC, WEEE, CEC, cETLus, CB, UKCA, ICES-003, EMF
Adaptive synchronisation	✔
EasyRead mode	✔
LowBlue mode	✔
Compliance certificates	RoHS
Mean time between failures (MTBF)	50000 h

Recycling data	
Packaging recyclability rate	100%

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