

Philips 1000 series 24E2N1100LB/00, 60.5 cm (23.8"), 1920 x 1080 pixels, Full HD, LCD, 4 ms, Black

Monitor 24E2N1100LB Full HD LCD monitor

Group	Flat Screens
Manufacturer	Philips
Manufacturer item no.	24E2N1100LB/00
EAN/UPC	8721038000351



Description

This monitor is packed with features that allow you to work with absolute precision. With its Full HD resolution, 100 Hz refresh rate and 1 ms MPRT, this monitor showcases detailed imagery with the highest definition.

Main features

	General
Display diagonal	60.5 cm
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	Yes
Product colour	Black

Extended details

	Display
Display diagonal	60.5 cm
Display resolution	1920 x 1080 pixels
Native aspect ratio	16:9
Display technology	LCD
Touchscreen	No
HD type	Full HD
Panel type	VA
LED backlight	Yes

Backlight type	W-LED
Display brightness (typical)	250 cd/m ²
Response time	4 ms
Response time measurement type	GTG (Gray to Gray)
Response time (MPRT)	1 ms
Anti-glare screen	Yes
Screen shape	Flat
Contrast ratio (typical)	4000:1
Dynamic contrast ratio marketing name	Mega Infinity DCR
Maximum refresh rate	100 Hz
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Display number of colours	16.7 million colours
Pixel pitch	0.275 x 0.275 mm
Pixel density	92.56 ppi
Horizontal scan range	30 - 85 kHz
Vertical scan range	48 - 60 Hz
Viewable size, horizontal	52.7 cm
Viewable size, vertical	29.6 cm
Digital horizontal frequency	30 - 115 kHz
Digital vertical frequency	48 - 100 Hz
Sync-on-green (SOG)	Yes
Display diagonal (metric)	60.5 cm
DDC/CI	Yes
Haze rate	25 %
Surface hardness	3H
Colour gamut standard	sRGB
Display sRGB	Yes
	Performance
NVIDIA G-SYNC	No
AMD FreeSync	No
VESA Adaptive Sync support	Yes
Component video sync	Separate sync, Sync-on-green (SOG)
Flicker-free technology	Yes
Low Blue Light technology	Yes
	Ports & interfaces
Built-in USB hub	No

VGA (D-Sub) ports quantity	1
HDMI	Yes
HDMI ports quantity	1
HDMI version	1.4
HDCP	Yes
HDCP version	1.4
Design	
Market positioning	Home
Product colour	Black
Multimedia	
Built-in speaker(s)	No
Built-in camera	No
Ergonomics	
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	No
Tilt adjustment	Yes
Tilt angle range	-5 - 20 °
On Screen Display (OSD)	Yes
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	Yes
LED indicators	Operation, Stand-by
Packaging content	
Cables included	AC, HDMI
Weight & dimensions	
Width (with stand)	541 mm
Depth (with stand)	180 mm
Height (with stand)	416 mm
Weight (with stand)	2.44 kg
Width (without stand)	541 mm
Depth (without stand)	34 mm
Height (without stand)	322 mm
Weight (without stand)	2.16 kg
Packaging data	

Package width	610 mm
Package depth	126 mm
Package height	378 mm
Package weight	4.63 kg
Power	
Energy efficiency class (SDR)	E
Energy efficiency class (HDR)	Not available
Energy consumption (SDR) per 1000 hours	18 kWh
Power consumption (typical)	17.7 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
Energy efficiency scale	A to G
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
Sustainability	
Doesn't contain	Mercury
Other features	
Exterior finish type	Textured
Recyclable packaging material	100 %
EasyRead mode	Yes
LowBlue mode	Yes
Compliance certificates	RoHS
Mean time between failures (MTBF)	50000 h
Picture enhancement	SmartImage
Regulatory Approvals	CB, CE Mark, TUV/ISO9241-307, TUV-BAUART, EAC, EAEU RoHS, UKCA, EMF, FCC, ICES-003
Adaptive synchronisation	Yes