PHILIPS

Philips 1000 series 24E1N1100A/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black



Brand : Philips **Product family:** 1000 series **Product code:** 24E1N1100A/00

Product name :
24E1N1100A/00

- EasySelect menu toggle key for quick on-screen menu access
- EasyRead mode for a paper-like reading experience
- Cable management reduces cable clutter for neat workspace
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Built-in stereo speakers for multimedia
- VESA mount for convenience
- HDMI ensures universal digital connectivity
- 100Hz refresh rates for ultra-smooth images
- 16:9 Full HD display for crisp detailed images
- IPS LED wide view technology for image and color accuracy
- 1ms (MPRT) fast response for crisp image and smooth gameplay

Monitor 24E1N1100A Full HD LCD monitor



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Experience productivity in Full HD. This monitor is equipped with essentials for the workplace, such as LowBlue mode to protect the eyes, IPS LED wide view technology for high-quality imagery, and 1ms MPRT for sharp visuals.



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 (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
Response time (fast)	1 ms
Pixel pitch	0.2745 x 0.2745 mm
Pixel density	92.56 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 - 115 kHz

Ergonomics	
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
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) *	D
Energy efficiency class (HDR) *	Not available
Energy consumption (SDR) per 1000 hours *	14 kWh
Power consumption (typical) *	14.5 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	Internal

Operational conditions	
Operating temperature (T-T)	0 - 40 °C

Display	
Digital vertical frequency	48 - 100 Hz
Display diagonal (metric)	60.5 cm
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB, NTSC, DCI-P3, Adobe RGB
sRGB coverage (typical)	102.66%
NTSC coverage (typical)	89.36%
Adobe RGB coverage	87.82%
DCI-P3 coverage	81.39%
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	
Number of speakers	2
RMS rated power	4 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design	
Market positioning *	Home
Product colour *	Black
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✘
VGA (D-Sub) ports quantity	1
HDMI *	✔
HDMI ports quantity	1
HDMI version	1.4
Audio input	✔
Audio output	✔
HDCP	✔
HDCP version	1.4

Ergonomics	
VESA mounting *	✔

Operational conditions	
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

Weight & dimensions	
Width (with stand)	542 mm
Depth (with stand)	180 mm
Height (with stand)	417 mm
Weight (with stand)	2.51 kg
Width (without stand)	542 mm
Depth (without stand)	34 mm
Height (without stand)	316 mm
Weight (without stand)	2.23 kg

Packaging data	
Package width	610 mm
Package depth	126 mm
Package height	378 mm
Package weight	4.55 kg

Packaging content	
Stand included	✔
Cables included	AC, HDMI
Manual	✔

Sustainability	
Sustainability compliance	✔
Doesn't contain	Mercury

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, Volume, Input, SmartImage
Picture enhancement	SmartImage
Regulatory Approvals	ETL, CEC, CB, CE Mark, UKCA, EMF, FCC, ICES-003, EnergyStar 8.0
Heavy metals free	Hg (mercury)
SoftBlue	✔
EasyRead mode	✔
LowBlue mode	✔
Compliance certificates	BSMI, EAC, Federal Communications Commission (FCC), ICES, RoHS, cTUVus, VCCI
Mean time between failures (MTBF)	50000 h

Recycling data	
Packaging recyclability rate	100%

Technical details	
Native refresh rate	60 Hz

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