PHILIPS

Philips E Line 245E1S/00 LED display 60.5 cm (23.8") 2560 x 1440 pixels 2K Ultra HD LCD Black

Brand : Philips   **Product family:** E Line   **Product code:** 245E1S/00

Product name : 245E1S/00

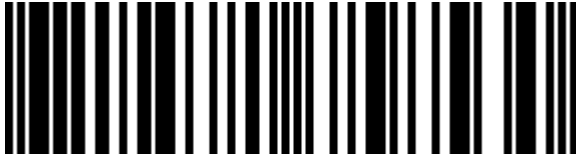E Line 24 (23.8" / 60.5 cm diag.) LCD monitor

Philips E Line 245E1S/00 LED display 60.5 cm (23.8") 2560 x 1440 pixels 2K Ultra HD LCD Black:

The 24" E-Line monitor features stunning visuals and elegant design for a stylish enhancement to your workspace. Experience crystal-clear Quad HD visuals and smooth action with AMD FreeSync technology. Philips E Line 245E1S/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 2560 x 1440 pixels, HD type: 2K Ultra 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 *	2560 x 1440 pixels
HD type *	2K Ultra HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	IPS
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	250 cd/m²
Response time	4 ms
Anti-glare screen	✔
Screen shape *	Flat
Supported graphics resolutions	1920 x 1080 (HD 1080), 2560 x 1440
Supported video modes	1080p, 1440p
Aspect ratio	16:9
Contrast ratio (typical) *	1000:1
Dynamic contrast ratio marketing name	Mega Contrast
Maximum refresh rate *	75 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.206 x 0.206 mm
Pixel density	123 ppi
Horizontal scan range	54 - 84 kHz
Vertical scan range	49 - 75 Hz
Viewable size, horizontal	52.7 cm
Viewable size, vertical	29.6 cm
Digital horizontal frequency	54 - 84 kHz

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) *	E
Energy consumption (SDR) per 1000 hours *	18 kWh
Power consumption (typical) *	17.94 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

Display

Digital vertical frequency	49 - 75 Hz
Sync-on-green (SOG)	✓
Display diagonal (metric)	60.5 cm
DDC/CI	✓
Haze rate	25%
Surface hardness	3H
RGB colour space	sRGB
Colour gamut	100%
sRGB coverage (typical)	117%
NTSC coverage (typical)	100%
3D	✗
Separate H/V sync	✓
Display sRGB	✓

Performance

NVIDIA G-SYNC *	✗
AMD FreeSync *	✓
Component video sync	Separate sync, Sync-on-green (SOG)
Flicker-free technology	✓
Low Blue Light technology	✓

Multimedia

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

Design

Market positioning *	Home
Product colour *	Black
Feet colour	Black
Heavy metals free	Hg (mercury)
Certification	CU-EAC, EPA, CE Mark, FCC Class B, CB, UKRAINIAN

Ports & interfaces

Built-in USB hub *	✗
VGA (D-Sub) ports quantity	1
DVI port	✗
HDMI *	✓
HDMI ports quantity	1.4
HDMI version	1.4
DisplayPorts quantity	1.2
DisplayPort version	1.2
Audio input	✗
Audio output	✓
Headphone out *	✗

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

Packaging content

Stand included	✓
Cables included	HDMI, AC
Manual	✓

Weight & dimensions

Width (with stand)	540 mm
Depth (with stand)	195 mm
Height (with stand)	414 mm
Weight (with stand)	3.24 kg
Width (without stand)	540 mm
Depth (without stand)	43 mm
Height (without stand)	325 mm
Weight (without stand)	2.56 kg

Packaging data

Package width	586 mm
Package depth	127 mm
Package height	462 mm
Package weight	4.68 kg
Package type	Box

Sustainability

Sustainability certificates	ENERGY STAR, RoHS, WEEE
European Product Registry for Energy Labelling (EPREL) code	413372

Recycling data

Recyclable material	100%

Logistics data

Harmonized System (HS) code	85285210

Other features

On/off switch	✓
TV tuner integrated	✗
Exterior finish type	Textured
Picture enhancement	SmartImage game
Recyclable packaging material	100%
Regulatory Approvals	CU-EAC; EPA; CE Mark; FCC Class B; CB; UKRAINIAN
LowBlue mode	✓
Mean time between failures (MTBF)	50000 h

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