PHILIPS

Philips B Line LCD monitor with PowerSensor 240B7QPTEB/00

Brand : Philips   **Product family:** B Line   **Product code:** 240B7QPTEB/00

Product name : LCD monitor
with PowerSensor
240B7QPTEB/00

- B Line
- 24 (Viewable 24.1"/61.1 cm)
- 24 (Viewable 24.1" / 61.1 cm)
- WUXGA (1920 x 1200)
Brilliance 240B7QPTEB LCD monitor with PowerSensor

Philips B Line LCD monitor with PowerSensor 240B7QPTEB/00:

The Philips PowerSensor display using 85% post consumer recycled plastics and PVC, BFR free housing is ideal for eco-friendly productivity
Philips B Line LCD monitor with PowerSensor 240B7QPTEB/00. Display diagonal: 61.2 cm (24.1"), Display resolution: 1920 x 1200 pixels, HD type: WUXGA, Display technology: LED. Display: LED. Response time: 5 ms, Native aspect ratio: 16:10, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Display

Display diagonal *	61.2 cm (24.1")
Display resolution *	1920 x 1200 pixels
HD type *	WUXGA
Native aspect ratio *	16:10
Display technology *	LED
Panel type *	IPS
Backlight type	W-LED
Touchscreen *	✗
Display brightness (typical)	300 cd/m²
Response time *	5 ms
Screen shape *	Flat
Supported graphics resolutions	1920 x 1200 (WUXGA)
Aspect ratio	16:10
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	20000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.27 x 0.27 mm
Horizontal scan range	30 - 83 kHz
Vertical scan range	56 - 76 Hz
Viewable size, horizontal	51.8 cm
Viewable size, vertical	32.4 cm
Digital horizontal frequency	30 - 83 kHz
Digital vertical frequency	56 - 76 Hz
Sync-on-green (SOG)	✔
Display diagonal (metric)	61.1 cm

Ergonomics

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	19
Plug and Play	✔
LED indicators	Operation, Stand-by

Power

Energy efficiency class (SDR) *	E
Energy consumption (SDR) per 1000 hours *	19 kWh
Power consumption (typical) *	12.18 W
Power consumption (standby) *	0.3 W
Power consumption (off)	0 W
Power consumption (PowerSave)	15.2 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	398389

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
Relative humidity	20 - 80%

Display

DDC/CI	✔
Colour gamut standard	sRGB
3D	✘
Separate H/V sync	✔
Display sRGB	✔

Performance

Component video sync	Separate sync, Sync-on-green (SOG)
Flicker-free technology	✔
Windows operating systems supported	✔
Mac operating systems supported	✔

Multimedia

Number of speakers	2
RMS rated power	2 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design

Market positioning *	Home
Product colour *	Black
Front bezel colour	Black
Feet colour	Black

Ports & interfaces

USB version	3.2 Gen 1 (3.1 Gen 1)
Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
VGA (D-Sub) ports quantity	1
DVI port	✘
HDMI ports quantity	1.4
HDMI version	1.4
DisplayPorts quantity	1.2
DisplayPort version	1.2
Mini DisplayPorts quantity	1
Headphone out *	✔
Headphone outputs	1
PC Audio in	✔
AC (power) in	✔
DisplayPort output	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Height adjustment	15 cm
Pivot	✔
Pivot angle	90 - 90°
Swivelling	✔
Swivel angle range	-175 - 175°
Tilt adjustment	✔
Tilt angle range	-5 - 30°
On Screen Display (OSD)	✔

Weight & dimensions

Width (with stand)	533 mm
Depth (with stand)	257 mm
Height (with stand)	549 mm
Weight (with stand)	6.57 kg
Width (without stand)	533 mm
Depth (without stand)	57 mm
Height (without stand)	360 mm
Weight (without stand)	4.14 kg

Packaging data

Package width	595 mm
Package depth	224 mm
Package height	520 mm
Package weight	9.25 kg

Packaging content

Stand included	✔
Cables included	AC, Audio (3.5mm), DisplayPort, VGA
Remote control included	✘
Manual	✔
Bundled software	SmartControl

Sustainability

Sustainability certificates	ENERGY STAR, TCO
Doesn't contain	PVC/BFR, Mercury

Other features

Display	LED
On/off switch	✔
TV tuner integrated	✘
Exterior finish type	Textured
Recyclable packaging material	100%
Heavy metals free	Hg (mercury)
ECO mode	✔
Mac compatibility	✔
USB charging port	✔
No flickering	✔
Compliance certificates	RoHS
Recommended resolution	1920 x 1200 @ 60 Hz
Picture enhancement	SmartImage
Regulatory Approvals	CE Mark; FCC Class B; SEMKO; cETLus; CU-EAC; TUV Ergo; TUV/GS; EPA; WEEE; ICES-003; UKRAINIAN
Active display area (W x H)	518 x 324 mm
Mean time between failures (MTBF)	70000 h
Compliance industry standards	CE Mark, FCC Class B, SEMKO, cETLus, CU-EAC, TCO edge, TUV Ergo, TUV/GS, EPA, WEEE, ICES-003, UKRAINIAN
Certification	CE Mark, FCC Class B, SEMKO, cETLus, CU-EAC, TUV Ergo, TUV/GS, EPA, WEEE, ICES-003, UKRAINIAN

Recycling data

Total amount of recyclable materials	85%
Post-consumer recycled plastic	85%

Thin Client

Thin client installed	✘

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