PHILIPS

Philips B Line LCD monitor with PowerSensor 252B9/00

Brand : Philips

Product family: B Line

Product code: 252B9/00

Product name : LCD monitor with PowerSensor 252B9/00

- B Line
- 25" (63.4 cm)
- WUXGA (1920 x 1200)
252B9 LCD monitor with PowerSensor

Philips B Line LCD monitor with PowerSensor 252B9/00:

Expand beyond boundaries with the new 16:10 frameless design Philips B Line monitor. Loaded with features to improve productivity and sustainability, this monitor takes it to the next level. Philips B Line LCD monitor with PowerSensor 252B9/00. Display diagonal: 63.5 cm (25"), Display resolution: 1920 x 1200 pixels, HD type: Full HD, Display technology: 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 *	63.5 cm (25")
Display resolution *	1920 x 1200 pixels
HD type *	Full HD
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
Anti-glare screen	✔
Screen shape *	Flat
Aspect ratio	16:10
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	50000000:1
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	0.279 x 0.282 mm
Pixel density	91 ppi
Horizontal scan range	30 - 96 kHz
Vertical scan range	48 - 76 Hz
Viewable size, horizontal	53.5 cm
Viewable size, vertical	33.9 cm
Digital horizontal frequency	30 - 96 kHz
Digital vertical frequency	48 - 76 Hz

Ergonomics

Pivot angle	-90 - 90°
Swivelling	✔
Swivel angle range	-175 - 175°
Tilt adjustment	✔
Tilt angle range	-5 - 30°
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	20
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) *	15 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0 W
Power consumption (PowerSave)	12.3 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	393453

Display

Sync-on-green (SOG)	✔
Display diagonal (metric)	63.4 cm
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB
Colour gamut	90%
sRGB coverage (typical)	107.5%
NTSC coverage (typical)	90%
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

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

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
Number of upstream ports	1
USB Type-A downstream ports quantity	4
VGA (D-Sub) ports quantity	1
DVI port	✔
DVI-D ports quantity	1
HDMI *	✔
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.2
Audio input	✘
Headphone out *	✔
PC Audio in	✔
HDCP	✔
HDCP version	1.4

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	15 cm

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

Weight & dimensions

Width (with stand)	546 mm
Depth (with stand)	206 mm
Height (with stand)	541 mm
Weight (with stand)	5.09 kg
Width (without stand)	546 mm
Depth (without stand)	49 mm
Height (without stand)	367 mm
Weight (without stand)	3.5 kg

Packaging data

Package width	608 mm
Package depth	197 mm
Package height	524 mm
Package weight	7.44 kg
Package type	Box

Packaging content

Stand included	✔
Cables included	VGA, DVI, HDMI, DisplayPort, Audio (3.5mm), AC
Manual	✔
Bundled software	SmartControl

Sustainability

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

Other features

AC adapter included	✔
Rotating	✘
TV tuner integrated	✘
Exterior finish type	Textured
Recommended resolution	1920 x 1200 @ 60 Hz
Picture enhancement	SmartImage
Recyclable packaging material	100%
Regulatory Approvals	CE Mark; FCC Class B; SEMKO; cETLus; CU-EAC; TUV Ergo; TUV/GS; EPA; ICES-003; UKRAINIAN; SASO; KUCAS; VCCI; RCM; CCC
Heavy metals free	Hg (mercury)
EasyRead mode	✔
LowBlue mode	✔
Compliance certificates	WEEE, RoHS
Mean time between failures (MTBF)	70000 h
Compliance industry standards	CE, FCC Class B, SEMKO, cETLus, CU-EAC, TUV Ergo, TUV/GS, EPA, ICES-003, UKRAINIAN, SASO, KUCAS, VCCI, RCM, CCC
Certification	CE Mark, FCC Class B, SEMKO, cETLus, CU-EAC, TUV Ergo, TUV/GS, EPA, ICES-003, UKRAINIAN, SASO, KUCAS, VCCI, RCM, CCC

Recycling data

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

Ergonomics		Logistics data	
Pivot	✔	Harmonized System (HS) code	85285210

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