PHILIPS

Philips B Line LCD monitor 241B8QJEB/00



Brand : Philips **Product family:** B Line **Product code:** 241B8QJEB/00

Product name : LCD monitor 241B8QJEB/00

Monitor 241B8QJEB LCD monitor

Philips B Line LCD monitor 241B8QJEB/00:

Get your best work done with the Philips 24" Full HD monitor. Crisp and vivid Full HD gives you the space and clarity to see your work. Features like height-adjustment, Flicker-free and LowBlue mode make work easy-on-the eyes.
Philips B Line LCD monitor 241B8QJEB/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Response time: 5 ms, Native aspect ratio: 16:9, 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 *	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)	250 cd/m²
Response time *	5 ms
Anti-glare screen	✔
Screen shape *	Flat
Supported graphics resolutions	1920 x 1080 (HD 1080)
Supported video modes	1080p
Aspect ratio	16:9
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	75 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	93 ppi
Horizontal scan range	30 - 85 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	52.7 cm

Ergonomics	
Pivot	✔
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	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) *	14.21 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0 W
Power consumption (PowerSave)	10 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
Energy efficiency scale	A to G

Display	
Viewable size, vertical	29.6 cm
Digital horizontal frequency	30 - 85 kHz
Digital vertical frequency	48 - 76 Hz
Sync-on-green (SOG)	✔
Display diagonal (metric)	60.5 cm
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB, NTSC
Colour gamut	89.9%
sRGB coverage (typical)	103.8%
NTSC coverage (typical)	89.9%
3D	✘
Separate H/V sync	✔
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, Sync-on-green (SOG)
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
Front bezel colour	Black
Feet colour	Black

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

Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔

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)	540 mm
Depth (with stand)	206 mm
Height (with stand)	508 mm
Weight (with stand)	4.97 kg
Width (without stand)	540 mm
Depth (without stand)	50 mm
Height (without stand)	323 mm
Weight (without stand)	3.37 kg

Packaging data	
Package width	600 mm
Package depth	198 mm
Package height	468 mm
Package weight	7.17 kg

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

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

Other features	
Compatible operating systems	DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
AC adapter included	✔
Rotating	✘
TV tuner integrated	✘
Exterior finish type	Textured
Monitor sync input signal	Separate Sync, Sync on Green
Signal input	VGA (Analogue); DVI-D (digital, HDCP); DisplayPort 1.2; HDMI 1.4
Heavy metals free	Hg (mercury)
EasyRead mode	✔
LowBlue mode	✔
User controls	SmartImage, Input, Brightness, Menu, Power On/Off
Picture enhancement	SmartImage
Regulatory Approvals	CE Mark; CB; FCC Class B; SEMKO; cETLus; UKRAINIAN; TUV/GS; TUV Ergo; CU-EAC
Energy efficiency class (legacy scale)	D
Compliance certificates	RoHS, WEEE
Mean time between failures (MTBF)	70000 h
Supplied AC adapter type	AC
Certification	CE Mark, CB, FCC Class B, SEMKO, cETLus, UKRAINIAN, TUV/GS, TUV Ergo, CU-EAC

Recycling data	
Overall recyclability rate	85%
Packaging recyclability rate	100%

Ergonomics	
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	15 cm

Recycling data	
Product post-consumer recycled plastic	85%

Technical details	
Native refresh rate	60 Hz

Logistics data	
Harmonized System (HS) code	85285210

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Catalog Object Cloud

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