

Philips B Line 240B9/00, 61.2 cm (24.1"), 1920 x 1200 pixels, WUXGA, LED, 4 ms, Black

240B9 LCD monitor with PowerSensor

Group	Flat Screens
Manufacturer	Philips
Manufacturer item no.	240B9/00
EAN/UPC	8712581772376



Description

Expand beyond boundaries with this 16:10 frameless design Philips B Line monitor. Loaded with features to improve productivity and sustainability, this monitor takes it to the next level.

Main features

	General
Display diagonal	61.2 cm
Display resolution	1920 x 1200 pixels
HD type	WUXGA
Display technology	LED
Display surface	Matt
Response time	4 ms
Native aspect ratio	16:10
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Built-in speaker(s)	Yes
Built-in USB hub	Yes
VESA mounting	Yes
Height adjustment	Yes
Product colour	Black

Extended details

	Display
Display diagonal	61.2 cm
Display resolution	1920 x 1200 pixels
Native aspect ratio	16:10
Display technology	LED

Touchscreen	No
HD type	WUXGA
Panel type	IPS
Backlight type	W-LED
Display brightness (typical)	300 cd/m ²
Response time	4 ms
Display surface	Matt
Anti-glare screen	Yes
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	75 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
Pixel density	93.95 ppi
Horizontal scan range	30 - 96 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	51.8 cm
Viewable size, vertical	32.4 cm
Digital horizontal frequency	30 - 96 kHz
Digital vertical frequency	48 - 75 Hz
Display diagonal (metric)	61.1 cm
DDC/CI	Yes
Haze rate	25 %
Surface hardness	3H
sRGB coverage (typical)	109 %
NTSC coverage (typical)	93 %
Display sRGB	Yes
	Performance
NVIDIA G-SYNC	No
AMD FreeSync	No
Component video sync	Separate sync, Sync-on-green (SOG)
Flicker-free technology	Yes

Low Blue Light technology	Yes
Ports & interfaces	
Built-in USB hub	Yes
Number of upstream ports	1
USB Type-A downstream ports quantity	4
VGA (D-Sub) ports quantity	1
DVI port	Yes
DVI-D ports quantity	1
HDMI	Yes
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone out	Yes
PC Audio in	Yes
HDCP	Yes
HDCP version	1.4
Design	
Market positioning	Home
Product colour	Black
Front bezel colour	Black
Feet colour	Black
Multimedia	
Built-in speaker(s)	Yes
Number of speakers	2
RMS rated power	4 W
Built-in camera	No
Ergonomics	
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	Yes
Adjustable height (max)	15 cm
Pivot	Yes
Pivot angle	-90 - 90 °
Swivelling	Yes

Swivel angle range	-175 - 175 °
Tilt adjustment	Yes
Tilt angle range	-5 - 30 °
On Screen Display (OSD)	Yes
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	Yes
LED indicators	Stand-by
Packaging content	
Stand included	Yes
Cables included	VGA, HDMI, DisplayPort, AC
Manual	Yes
Bundled software	SmartControl
Weight & dimensions	
Width (with stand)	533 mm
Depth (with stand)	216 mm
Height (with stand)	545 mm
Weight (with stand)	5.71 kg
Width (without stand)	533 mm
Depth (without stand)	60 mm
Height (without stand)	360 mm
Weight (without stand)	4.1 kg
Packaging data	
Package width	600 mm
Package depth	141 mm
Package height	526 mm
Package weight	8.35 kg
Package type	Box
Power	
Energy efficiency class (SDR)	D
Energy consumption (SDR) per 1000 hours	15 kWh
Power consumption (typical)	12.3 W
Power consumption (standby)	0.3 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
European Product Registry for Energy Labelling (EPREL) code	386280
	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
	Sustainability
Sustainability certificates	ENERGY STAR, TCO
Doesn't contain	PVC/BFR, Mercury
	Other features
Exterior finish type	Textured
Recyclable packaging material	100 %
Heavy metals free	Hg (mercury)
EasyRead mode	Yes
LowBlue mode	Yes
Compliance certificates	RoHS
Mean time between failures (MTBF)	70000 h
Certification	UKRAINIAN, EPA, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003
Picture enhancement	SmartImage
Regulatory Approvals	UKRAINIAN; EPA; CB; TUV/GS; TUV Ergo; SEMKO; CU-EAC; EAEU RoHS; CE Mark; FCC Class B; ICES-003
	Recycling data
Post-consumer recycled plastic	85 %
	Logistics data
Harmonized System (HS) code	85285210