

Philips B Line 242B1G(242B1G/00)

Philips B Line 242B1G - LED monitor - 24" (24" viewable) - 1920 x 1080 Full HD (1080p) @ 75 Hz - IPS - 250 cd/m² - 1000:1 - 4 ms - HDMI , DVI-D, VGA, DisplayPort - speakers - black texture



Main Specifications

Product Description	Philips B Line 242B1G - LED monitor - Full HD (1080p) - 24"
Device Type	LED-backlit LCD monitor - 24"
Energy Class	Class C
Power Consumption (On mode)	12 W
Features	USB 3.2 hub
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 75 Hz
Pixel Pitch	0.2745 mm
Brightness	250 cd/m ²
Contrast Ratio	1000:1 / 50000000:1 (dynamic)
Response Time	4 ms (grey-to-grey)
Colour Support	16.7 million colours
Colour Gamut	102% sRGB (CIE 1931), 78% NTSC (CIE 1976)
Input Connectors	HDMI, DVI-D, VGA, DisplayPort
Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Voltage	AC 120/230 V (50/60 Hz)
Colour	Black texture
Dimensions (WxDxH) - with stand	54 cm x 20.5 cm x 50.1 cm
Weight	4.92 kg
Environmental Standards	TCO Certified Displays 8, TCO Certified Edge Displays, ENERGY STAR Qualified
Compliant Standards	FCC Class B certified, TUV GS, ICES-003, SEMKO, CB, CCC, TUV Ergo, DDC/CI, RoHS, Lead-Free, CECP, CEL, CU-EAC, BFR-free, Ukraine, PVC-free, Mercury-free, TUV Eye Comfort certified
Manufacturer Warranty	3-year warranty

Extended Specification

General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Class	Class C

Diagonal Size	24"
Viewable Size	24"
Built-in Devices	USB 3.2 hub
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 75 Hz
Pixel Pitch	0.2745 mm
Pixel Per Inch	93
Brightness	250 cd/m ²
Contrast Ratio	1000:1 / 50000000:1 (dynamic)
Colour Support	16.7 million colours
Colour Gamut	102% sRGB (CIE 1931), 78% NTSC (CIE 1976)
Response Time	4 ms (grey-to-grey)
Vertical Refresh Rate	48 - 75 Hz
Horizontal Refresh Rate	30 - 85 kHz
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Backlight Technology	WLED
OSD Languages	Multilingual
Features	Sync on Green, PowerSensor, SmartImage, Low Blue Light Mode, Flicker Free technology, Adaptive-Sync technology, LightSensor, EasyRead, sRGB Mode
Colour	Black texture
Dimensions (WxDxH)	54 cm x 20.5 cm x 50.1 cm - with stand
Weight	4.92 kg

Audio

Type	Speakers - stereo
Output Power / Channel	2 Watt

Connectivity

Interfaces	VGA DVI-D (HDCP 1.4) DisplayPort 1.2 (HDCP 1.4) HDMI (HDCP 1.4) USB upstream (Type B) 3 x USB 3.2 downstream USB 3.2 downstream (fast charging) Audio line-in Headphones
------------	--

Mechanical

Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Tilt Angle	-5/+35
Swivel Angle	360
Rotation Angle	180
Height Adjustment	150 mm

VESA Mounting Interface	100 x 100 mm
-------------------------	--------------

Miscellaneous

Features	Security lock slot (cable lock sold separately)
Cables Included	1 x HDMI cable 1 x DisplayPort cable
MTBF	70,000 hour(s)
Compliant Standards	FCC Class B certified, TUV GS, ICES-003, SEMKO, CB, CCC, TUV Ergo, DDC/CI, RoHS, Lead-Free, CECP, CEL, CU-EAC, BFR-free, Ukraine, PVC-free, Mercury-free, TUV Eye Comfort certified
Security Slot Type	Kensington security slot

Power

Input Voltage	AC 120/230 V (50/60 Hz)
Power Consumption (On mode)	12 W
Power Consumption SDR (On mode)	12 kWh/1000h
Power Consumption (Typical)	12.8 Watt
Power Consumption Stand by	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt
On / Off Switch	Yes

Software / System Requirements

Included Software	Philips SmartControl
-------------------	----------------------

Dimensions & Weight

Dimensions & Weight Details	With stand (highest position) - width:54 cm - depth:20.5 cm - height:50.1 cm - weight:4.92 kg Without stand - width:54 cm - depth:4.7 cm - height:32.3 cm - weight:3.32 kg
-----------------------------	---

Dimensions & Weight (Shipping)

Shipping Width	73 cm
Shipping Depth	13.9 cm
Shipping Height	45 cm
Shipping Weight	7.61 kg

Sustainability Information

TCO Certified	TCO Certified Displays 8, TCO Certified Edge Displays
ENERGY STAR Certified	Yes
ENERGY STAR Version	8.0

Manufacturer Warranty

Service & Support	Limited warranty - 3 years
-------------------	----------------------------

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C

Humidity Range Operating

20 - 80%

*TD SYNEX is not responsible for errors in the documentation of products.