

Philips B Line 325B1L (325B1L/00)

Philips B Line 325B1L - LED monitor - 32" (31.5" viewable) - 2560 x 1440 QHD @ 75 Hz - IPS - 250 cd/m² - 1200:1 - 4 ms - 2xHDMI, DisplayPort - speakers - black texture



Get your work done with this Philips monitor. Crystal-clear QHD gives the space and clarity for your work. Loaded with features to improve productivity and sustainability.

Key Selling Points

- PowerSensor saves up to 80% energy costs
- LightSensor for the perfect brightness with minimal power
- IPS technology for full colors and wide viewing angles
- SmartImage pre-sets for easy optimized image settings
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- SmartErgoBase enables user-friendly ergonomic adjustments

Product Features

PowerSensor saves up to 80% energy costs
PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and then automatically reduces monitor brightness when the user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

LightSensor for the perfect brightness with minimal power
LightSensor uses a smart sensor to adjust the picture brightness depending on the light conditions in the room for the perfect picture with minimal power usage.

IPS technology for full colors and wide viewing angles
IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle - even in 90-degree Pivot mode! Unlike standard TN panels, IPS displays give you remarkably crisp images with vivid colors, making it ideal not only for Photos, films and web browsing, but also for professional applications that demand color accuracy and consistent brightness at all times.

SmartImage pre-sets for easy optimized image settings
SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and optimizes your display performance. This user-friendly interface allows you to select various modes, like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

Less eye fatigue with Flicker-Free technology
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies an advanced solution to regulate brightness and reduce flicker for more comfortable viewing.

LowBlue Mode for easy-on-the-eyes productivity
Studies have shown that just as ultra-violet rays can cause eye damage, shortwave-length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

SmartErgoBase enables user-friendly ergonomic adjustments
The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, cable management reduces cable clutter and keeps the workspace neat and professional.

Main Specifications

Product Description	Philips B Line 325B1L - LED monitor - 32"
Device Type	LED-backlit LCD monitor - 32"
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/363301
Energy Class	Class F
Energy Consumption per Year	58 kWh
Power Consumption (On mode)	32.2 W
Features	USB Hub
Panel Type	IPS

Aspect Ratio	16:9
Native Resolution	QHD 2560 x 1440 at 75 Hz
Pixel Pitch	0.2727 mm
Brightness	250 cd/m ²
Contrast Ratio	1200:1 / 50000000:1 (dynamic)
Response Time	4 ms (grey-to-grey)
Colour Support	1.07 billion colours
Colour Gamut	101.7% sRGB (CIE 1931), 88% Adobe RGB (CIE 1976), 89% NTSC (CIE 1976)
Input Connectors	2xHDMI, 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	73 cm x 25 cm x 62 cm
Weight	10.7 kg
Compliant Standards	Plug and Play, TUV GS, SEMKO, CB, TUV Ergo, DDC/CI, RoHS, Lead-Free, CU-EAC, BFR-free, PVC-free, Mercury-free, EAEU RoHS
Manufacturer Warranty	3-year warranty

Extended Specification

General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/363301
Energy Class	Class F
Energy Consumption per Year	58 kWh
Diagonal Size	32"
Viewable Size	31.5"
Built-in Devices	USB Hub
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	QHD 2560 x 1440 at 75 Hz
Pixel Pitch	0.2727 mm
Pixel Per Inch	93
Brightness	250 cd/m ²
Contrast Ratio	1200:1 / 50000000:1 (dynamic)
Colour Support	1.07 billion colours
Colour Gamut	101.7% sRGB (CIE 1931), 88% Adobe RGB (CIE 1976), 89% NTSC (CIE 1976)
Response Time	4 ms (grey-to-grey)
Vertical Refresh Rate	48 - 75 Hz
Horizontal Refresh Rate	30 - 114 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	PowerSensor, SmartImage, Smart Ergo base, Low Blue Light Mode, Flicker Free technology, LightSensor, EasyRead, sRGB Mode
Colour	Black texture
Dimensions (WxDxH)	73 cm x 25 cm x 62 cm - with stand

Weight 10.7 kg

Manufacturer Warranty

Service & Support Limited warranty - 3 years

Miscellaneous

Features Security lock slot (cable lock sold separately)

Cables Included DisplayPort cable †, HDMI cable

MTBF 70,000 hour(s)

Compliant Standards Plug and Play, TUV GS, SEMKO, CB, TUV Ergo, DDC/CI, RoHS, Lead-Free, CU-EAC, BFR-free, PVC-free, Mercury-free, EAEU RoHS

Security Slot Type Kensington security slot

Power

Input Voltage AC 120/230 V (50/60 Hz)

Power Consumption (On mode) 32.2 W

Power Consumption SDR (On mode) 32 kWh/1000h

Power Consumption (Typical) 40.3 Watt

Power Consumption Stand by 0.3 Watt

Power Consumption (Off Mode) 0 Watt

On / Off Switch Yes

Software / System Requirements

Included Software Philips SmartControl

Environmental Parameters

Min Operating Temperature 0 °C

Max Operating Temperature 40 °C

Humidity Range Operating 20 - 80%

Audio

Type Speakers - stereo

Output Power / Channel 3 Watt

Connectivity

Interfaces 2 x HDMI (HDCP 1.4) †, DisplayPort 1.2 †, USB upstream (Type B) †, 3 x USB 3.2 downstream †, USB 3.2 downstream (fast charging) †, Audio line-out

Dimensions & Weight

Dimensions & Weight Details With stand (highest position) - width: 73 cm - depth: 25 cm - height: 62 cm - weight: 10.7 kg †, Without stand - width: 73 cm - depth: 6 cm - height: 43.3 cm - weight: 6.93 kg

Dimensions & Weight (Shipping)

Shipping Width 93 cm

Shipping Depth 18.6 cm

Shipping Height 56.3 cm

Shipping Weight 13.6 kg

Mechanical

Display Position Adjustments Height, pivot (rotation), swivel, tilt

<i>Tilt Angle</i>	<i>-5/+30</i>
<i>Swivel Angle</i>	<i>360</i>
<i>Rotation Angle</i>	<i>180</i>
<i>Height Adjustment</i>	<i>180 mm</i>
<i>VESA Mounting Interface</i>	<i>100 x 100 mm</i>

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