



Philips Brilliance  
LCD monitor with USB-C  
Dock

**B Line**  
25" (63.4 cm)  
2560 x 1440 (QHD)

**Brilliance**



**258B6QUEB**

## Simplify your connections

with revolutionary USB-C

Simple USB-C connection and crystal-clear IPS images. The Philips B line monitor with USB-C connector allows simple notebook docking via one cable for fast data and video to a crystal-clear QHD IPS display, and even notebook charging.

### Designed for people

- All your connections through one USB-C cable
- Narrow border display for seamless appearance
- SmartErgoBase enables people-friendly ergonomic adjustments

### Excellent performance

- Crystalclear images with Quad HD 2560 x 1440 pixels
- IPS technology for full colors and wide viewing angles

### Easy to experience

- Less eye fatigue with Flicker-free technology
- SmartImage presets for easy optimized image settings
- Built-in stereo speakers for multimedia

**PHILIPS**

# Highlights

## USB-C Docking



The new USB 3.1 Type-C cable with a slim and reversible connector, offers easy one-cable-docking. With USB 3.1 you get the fastest speeds, 20 times as fast as USB 2.0, allowing you to transfer a 4K movie in less than 60 seconds. Simplify by connecting all your peripherals to your monitor as a dock with one cable to the notebook, including high resolution video output from your PC to monitor. Additionally, USB-C even allows you to power and charge your notebook from the monitor eliminating the need for extra power cables. All your connections through one simple cable.

## UltraNarrow Border



The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

## SmartErgoBase

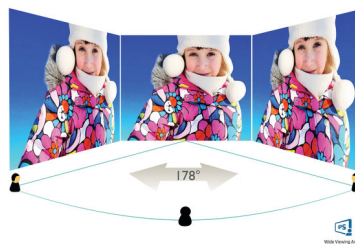


The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; cable management reduces cable clutter and keeps the workspace neat and professional.

## Crystalclear images

These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like Displayport, HDMI, Dual link DVI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

## IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid

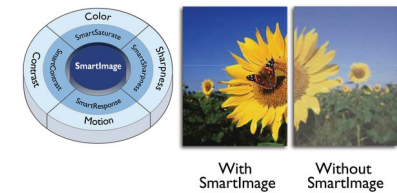
colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

## 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 a new solution to regulate brightness and reduce flicker for more comfortable viewing.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized 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 with the press of a single button!

## Built-in stereo speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.



# Specifications

## Picture/Display

- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 25 inch / 63.4 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 552.96 (H) x 311.04 (V)
- Aspect ratio: 16:9
- Optimum resolution: 2560 x 1440 @ 60Hz
- Response time (typical): 5 ms (Gray to Gray)\*
- Brightness: 350 cd/m<sup>2</sup>
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000 :1
- Pixel pitch: 0.216 x 0.216 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Color gamut (typical): NTSC 90%\*, sRGB 109%\*
- Display colors: 16.7 M (True 8 bit)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

## Connectivity

- Signal Input: VGA (Analog), DVI-Dual Link (digital, HDCP), DisplayPort 1.2 x 1, HDMI 1.4 x 1, USB-C 3.1 Gen 1 x 1 (upstream, power delivery up to 60 W), USB 3.1 x 3 (downstream, 1 w/ fast charging)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out
- RJ45: Ethernet LAN up to 1G\*

## USB

- USB-C: Reversible plug connector
- Super speed: Data and Video transfer
- DP: Built-in Display Port Alt mode
- Power delivery: USB PD version 1.0
- USB-C max. power delivery: Upto 60 watts (5V/3A; 8V/3A; 12V/3A; 20V/3A)

## Convenience

- Built-in Speakers: 2 W x 2
- User convenience: SmartImage, Volume, Input, Menu, Power On/Off
- Control software: SmartControl
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

## Stand

- Height adjustment: 130 mm
- Pivot: 90 degree

- Swivel: -65/65 degree
- Tilt: -5/20 degree

## Power

- ECO mode: < 18.9 W (typ.)
- On mode: < 23 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: < 0.5 W (typ.)
- Off mode: < 0.3 W (typ.)
- Energy Label Class: B
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: External, 100-240VAC, 50-60Hz

## Dimensions

- Product with stand(max height): 571 x 511 x 244 mm
- Product without stand (mm): 571 x 344 x 55 mm
- Packaging in mm (WxHxD): 625 x 421 x 290 mm

## Weight

- Product with stand (kg): 7.00 kg
- Product without stand (kg): 4.66 kg
- Product with packaging (kg): 10.20 kg

## Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF (demonstrated): 70,000 (excluded backlight)

## Sustainability

- Environmental and energy: EnergyStar 7.0, EPEAT\*, TCO Certified Edge, RoHS, WEEE
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 65%
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

## Compliance and standards

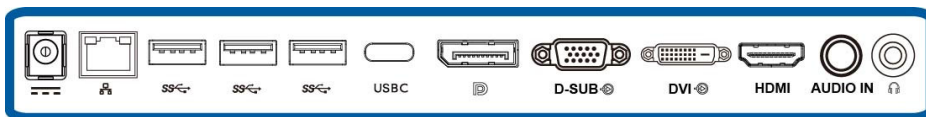
- Regulatory Approvals: CE Mark, FCC Class B, VCCI, SEMKO, cETLus, CU-EAC, CECP, TUV Ergo, TUV/GS

## Cabinet

- Front bezel: Black
- Rear cover: Black
- Foot: Black
- Finish: Texture

## What's in the box?

- Monitor with stand
- Cables: D-Sub cable, DP cable, USB-C to USB-C cable, USB-C to USB-A cable, Audio cable, Power cable



I/O back panel connector diagram



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- User Documentation

\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.  
\* Response time value equal to SmartResponse  
\* NTSC Area based on CIE1976  
\* sRGB Area based on CIE 1931  
\* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode  
\* Activities such as screen sharing, on-line streaming video and audio over the Internet can impact your network performance. Your hardware, network bandwidth and its performance will determine overall audio and video quality.  
\* For USB-C power and charging function, your Notebook/device must support USB-C standard Power Delivery specifications. Please check with your Notebook user manual or manufacturer for more details.  
\* If your Ethernet connection seems slow, please enter OSD menu and select USB 3.0 or higher version which can support the LAN speed to 1G.  
\* EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.  
\* The notebook, keyboard, mouse as shown are for illustration purpose only, not included in the product.  
\* The monitor may look different from feature images.