



Philips Brilliance
LCD monitor with USB-C
Dock

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



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.

Excellent performance

- IPS technology for full colours and wide viewing angles
- Crystal clear images with Quad HD 2560 x 1440 pixels

Designed for people

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

Easy to experience

- SmartImage pre-sets for easy optimised image settings
- Built-in stereo speakers for multimedia
- Less eye fatigue with Flicker-Free technology

PHILIPS

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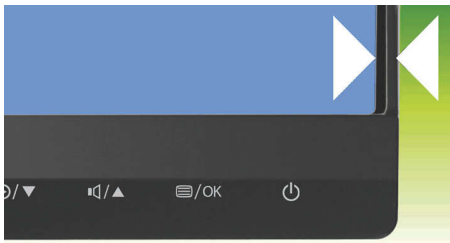
Highlights

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 your 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.

Ultra-narrow Border



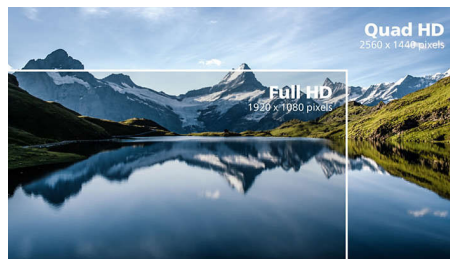
The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setups like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large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

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height-adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

CrystalClear images

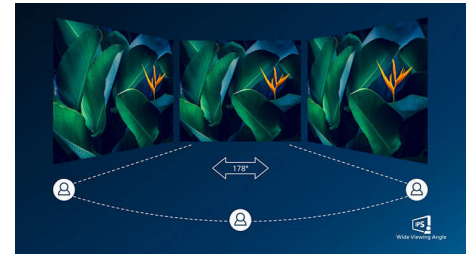


These Philips screens deliver Crystal Clear, Quad HD 2560 x 1440 or 2560 x 1080 pixel images. Utilising high-performance panels with a high-density pixel count, enabled by high bandwidth sources like USB-C, Displayport and HDMI, these new displays will make your images and graphics come alive. Whether you are a demanding professional who requires extremely detailed information for CAD-CAM solutions and uses 3D graphic applications, or a financial wizard working on huge

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spreadsheets, Philips displays will give you Crystal Clear images.

IPS technology



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 gives you remarkably crisp images with vivid colours, making it ideal not only for Photos, films and web browsing, but also for professional applications that demand colour 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.



Specifications

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*

Picture/Display

- Panel Size: 25 inch / 63.4 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.216 x 0.216 mm
- Optimum resolution: 2560 x 1440 @ 60Hz
- Brightness: 350 cd/m²
- Display colours: 16.7 M (True 8 bit)
- Colour gamut (typical): NTSC 90%*, sRGB 109%*
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms (Grey to Grey)*
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 552.96 (H) x 311.04 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB
- Display Screen Coating: Anti-Glare, 3H, Haze 25%

USB

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

Convenience

- Built-in Speakers: 2 W x 2
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Volume, Input, Menu, Power On/Off
- 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 (100 x 100 mm)
- Control software: SmartControl

Stand

- Height adjustment: 130 mm
- Pivot: 90 degree

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

Power

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

Dimensions

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

Weight

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

Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40°C °C
- Relative humidity: 20–80% %
- Temperature range (storage): -20°C to 60°C °C
- MTBF (demonstrated): 70,000 (excluded backlight)

Sustainability

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

Compliance and standards

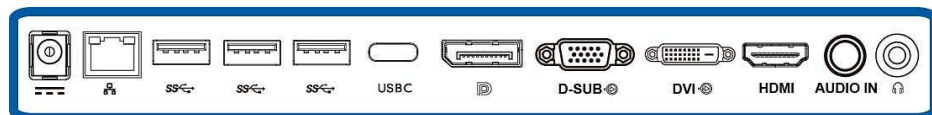
- Regulatory Approvals: CE Mark, FCC Class B, VCCI, SEMKO, cETLus, CU-EAC, CECP, TUV Ergo, TUV/GS

Cabinet

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

What's in the box?

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



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 CIE 1976

* 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 and online streaming over the Internet can impact your network performance. Your hardware and network bandwidth will determine the 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 the OSD menu and select USB 3.0 or a higher version that can support the LAN speed up 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 and mouse shown are for illustration purpose only and not included with the product.

* The monitor may look different from feature images.