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

- CrystalClear images with Quad HD 2560x1440 pixels
- IPS technology for full colours and wide viewing angles
- Less eye fatigue with Flicker-Free technology
- SmartImage presets for easy optimised image settings

Designed for people

- Edge-to-edge glass and narrow border for seamless appearance
- SmartErgoBase enables user-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort

Easy to experience

- All your connections through one USB-C cable
- HDMI ensures universal digital connectivity
- DisplayPort connection for maximum visuals
- Built-in stereo speakers for multimedia

PHILIPS

Highlights

CrystalClear images

These latest Philips screens deliver CrystalClear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilising high-performance panels with a 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 a 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 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.

SmartImage

With SmartImage

Without SmartImage

SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises 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 optimises the contrast, colour 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!

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 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.

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.

QHD
2560 x 1440

Wide Viewing Angle

Flicker-free

SmartImage™

SmartErgoBase

VGA
USB dvi
Hdmi P
SmartConnect

Built-in Speakers

TCO CERTIFIED edge

Windows10 Compatible

Specifications

Picture/Display
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 25 inch / 63.4 cm
- 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 (Grey to Grey)*
- Brightness: 350 cd/m²
- Contrast ratio (typical): 1000:1
- 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
- Display colours: 16.7 M (True 8 bit)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity
- USB: USB 3.0 x 3 (1 w/fast charging)*
- Signal Input: USB-C, VGA (Analogue), DVI-Dual Link (digital, HDCP), DisplayPort, HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out
- RJ45: through USB-C

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 (100 x 100 mm)
- Plug and 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: 23.7 W (typ.)
- On mode: 24.7 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: <0.5 W (typ.)
- Off mode: <0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: External, 100-240 VAC, 50-60 Hz

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 (W x H x D): 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF (demonstrated): 70,000 (excluded backlight)

Sustainability
- Environmental and energy: EnergyStar 6.0, EPEAT Gold*, TCO edge, RoHS
- Recyclable packaging material: 100 %
- Post-consumer recycled plastic: 65%
- Specific Substances: PVC/BFR free housing, Mercury free, Lead free
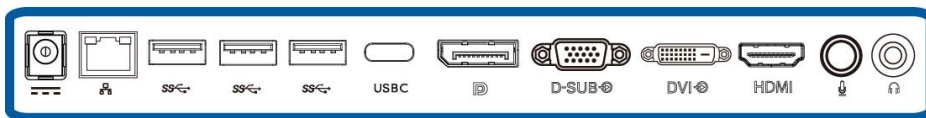
Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, VCCI, SEMKO, cETLus, CU-EAC, WEEE, CECP, TUV Ergo, TUV/GS, TCO edge

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

What's in the box?
- Monitor with stand
- Cables: D-Sub cable, DisplayPort cable, Power cable, USB C to USB C cable, USB C to USB A cable, Audio cable
- User Documentation

I/O back panel connector diagram

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.
* Response time value equal to SmartResponse
* Fast charging through BC 1.2 standard
* The notebook, keyboard and mouse shown are for illustration purpose only and not included with the product.