

# PHILIPS

LCD monitor with  
USB-C docking

Business Monitor

S Line

24 (23.8" / 60.5 cm diag.)

1920 x 1080 (Full HD)

243S1



## Simplify your connections

with USB-C docking monitor

The Philips USB-C monitor replaces cable clutter. View FHD image and recharge a laptop, all at the same time with a single USB-C cable. Features like Daisy chain for multi-display setup, Eye comfort with TUV certified to reduce eye fatigue

### Designed for the way you work

- Built-in stereo speakers for multimedia
- SmartErgoBase enables user-friendly ergonomic adjustments
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- EasyRead mode for a paper-like reading experience
- TUV Eye Comfort certified to reduce eye fatigue

### Single cable USB-C connection

- Built-in RJ-45 Ethernet gives data security
- USB-C enables laptop power charging directly from a monitor

### Great performance

- IPS LED wide view technology for image and colour accuracy
- 16:9 Full HD display for crisp, detailed images

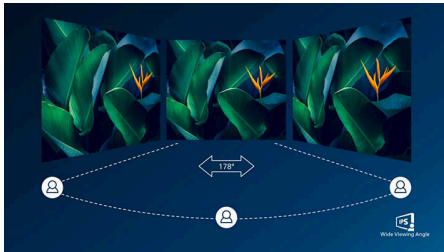
## Highlights

### USB Type-C connection



This Philips display features a built-in USB type-C docking station with power delivery. With intelligent and flexible power management, you can power charge your compatible\* laptop directly. Its slim, reversible USB-C connector allows for easy, one-cable docking. Simplify by connecting all your peripherals like keyboard, mouse and your RJ-45 Ethernet cable to the monitor's docking station. You can watch high-resolution video and transfer data at super-speed, while powering up and re-charging your notebook at the same time.

### IPS technology



IPS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays give you remarkably crisp

images with vivid colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

### TUV Rheinland Eye Comfort



Philips displays meet TUV Rheinland Eye Comfort standard to prevent eye strain caused by prolonged computer use. With TUV Eye Comfort certification, Philips displays ensure flicker-free, low-blue mode, no disturbing reflections, a wide viewing angle, less reduction of image quality from different angles and ergonomic stand designs for an ideal viewing experience. Keep your eyes healthy and boost work productivity.

### 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

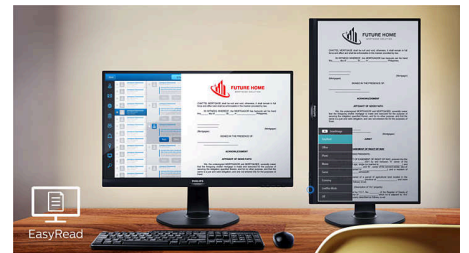
Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

### LowBlue Mode



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.

### EasyRead mode

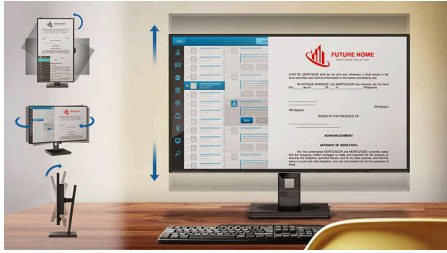


EasyRead mode for a paper-like reading experience



## Highlights

### 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.

### Built-in stereo speakers



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

### 16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.



# Specifications

## Picture/Display

**Panel Size:** 23.8 inch/60.5 cm  
**Aspect ratio:** 16:9  
**LCD panel type:** IPS technology  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.2745 x 0.2745 mm  
**Brightness:** 300 cd/m<sup>2</sup>  
**Display colours:** 16.7 M  
**Colour gamut (typical):** NTSC 91%\*, sRGB 107%\*  
**Contrast ratio (typical):** 1000:1  
**SmartContrast:** 50,000,000:1  
**Response time (typical):** 4 ms (Grey to Grey)\*  
**Viewing angle:** 178° (H)/178° (V), @ C/R > 10  
**Picture enhancement:** SmartImage  
**Maximum resolution:** 1920 x 1080 @ 100 Hz\*  
**Effective viewing area:** 527.04 (H) x 296.46 (V)  
**Scanning Frequency:** 30 K - 115 kHz (H)/48 - 100 Hz (V)  
**sRGB**  
**Flicker-free**  
**Pixel Density:** 93 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**EasyRead**

## Connectivity

**Signal Input:** HDMI 1.4 x 1, DisplayPort 1.2 x 1,  
 USB-C 3.2 Gen 1 x 1 (upstream, power delivery up to 65 W)  
**Sync Input:** Separate Sync  
**Audio (In/Out):** Audio out  
**RJ45:** Ethernet LAN up to 1 G\*, Wake on LAN  
**Signal Output:** DisplayPort out  
**USB::** USB-C 3.2 Gen 1 x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)  
**HDCP:** HDCP 1.4 (HDMI/DP/USB-C)

## USB

**Power delivery:** USB PD version 3.0  
**Super speed:** Data and Video transfer  
**DP:** Built-in Display Port Alt mode  
**USB-C max. power delivery:** up to 65 W (5 V/3 A, 9 V/3 A, 10 V/3 A, 12 V/3 A, 15 V/3 A, 20 V/3.25 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, Input, Brightness, 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:** -/+ 180 degree  
**Tilt:** -5~25 degree

## Power

**ECO mode:** 12.9 W (typ.)  
**Power supply:** Built-in, 100–240 VAC, 50–60 Hz  
**Off mode:** 0.3 W (typ.)  
**On mode:** 14 W (typ.) (EnergyStar test method)  
**Standby mode:** 0.3 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode - White (flashing)  
**Energy Label Class:** D

## Dimensions

**Packaging in mm (W x H x D):** 625 x 435 x 180 mm  
**Product without stand (mm):** 540 x 323 x 51 mm  
**Product with stand (max height):** 540 x 482 x 205 mm

## Weight

**Product with packaging (kg):** 8.46 kg  
**Product with stand (kg):** 5.28 kg  
**Product without stand (kg):** 3.42 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  
**Relative humidity:** 20%-80 %  
**Temperature range (storage):** -20°C to 60 °C  
**MTBF (demonstrated):** 70,000 hrs (excluded backlight)

## Sustainability

**Environmental and energy:** Energy Star 8.0, EPEAT\*, TCO Certified Edge, RoHS  
**Post-consumer recycled plastic:** 85%  
**Recyclable packaging material:** 100 %  
**Specific Substances:** PVC/BFR free housing, Mercury free

## Compliance and standards

**Regulatory Approvals:** CB, FCC Class B, ICES-003, CE Mark, TUV/GS, TUV Ergo, CU-EAC, EAEU RoHS, TUV Eye Comfort certified

## Cabinet

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

## What's in the box?

**Cables:** HDMI cable, DP cable, USBC-C cable, Power cable  
**Monitor with stand**  
**User Documentation**



\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.  
 \* The maximum resolution works for either HDMI input or DP input.  
 \* Response time value equal to SmartResponse  
 \* NTSC Area based on CIE 1931  
 \* sRGB Area based on CIE 1931  
 \* 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.  
 \* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode  
 \* 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 monitor may look different from feature images.