PHILIPS

Daily routine simplified

This 32-inch monitor showcases beautiful imagery in 4K resolution and a 1.074 billion color gamut. In addition, its USB-C connection allows you to easily connect peripherals during a busy workday.

Excellent performance
- VA display delivers awesome images with wide viewing angles
- SmartImage presets for easy optimized image settings
- UltraClear 4K UHD (3840x2160) resolution for precision
- 1.074 billion colors for smooth color gradations and detail

Designed for the way you work
- Built-in stereo speakers for multimedia
- SmartErgoBase enables people-friendly ergonomic adjustments
- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- EasyRead mode for a paper-like reading experience

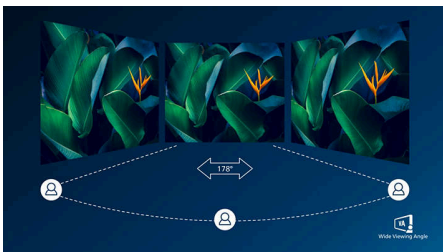**Single cable USB-C connection**
- Built in USB-C docking station

Highlights

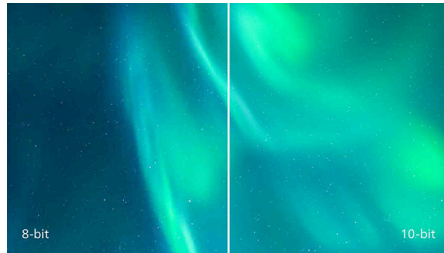## Built in USB-C docking station

This Philips display features a built-in USB type-C docking station with power delivery. 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. Simply connect your notebook and this monitor with a single USB-C cable to watch high-resolution video and transfer super-speed data, while powering up and re-charging your notebook at the same time.
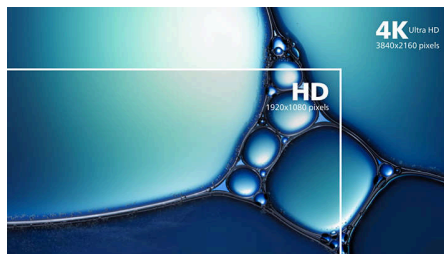
VA display

Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

10-bit colors

8-bit — 10-bit

The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color banding.

UltraClear 4K UHD Resolution

4K Ultra HD 3840x2160 pixels
HD 1920x1080 pixels

These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

SmartImage

Without SmartImage — With 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!

DisplayPort connection

DisplayPort

DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

HDMI Ready

HDMI

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

USB-C Docking | Wide Viewing Angle | 4K Ultra HD | SmartImage™ | HIGH-DEFINITION MULTIMEDIA INTERFACE | Flicker-free | LowBlue Mode

Highlights

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.
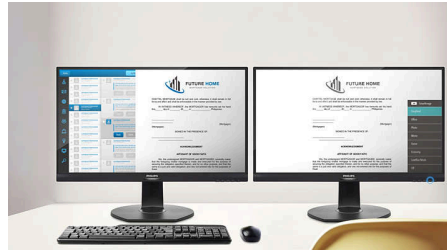
LowBlue Mode

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, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.
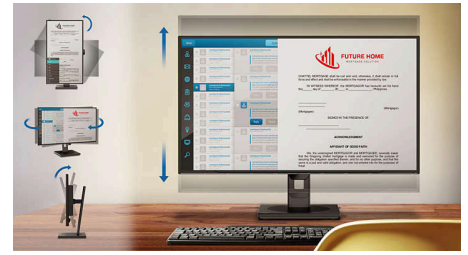
EasyRead mode

EasyRead mode for a paper-like reading experience

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.

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.

USB-C Docking Wide Viewing Angle **4K** Ultra HD SmartImage™ HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

Specifications

Picture/Display

Panel Size: 31.5"/80cm

Aspect ratio: 16:9

LCD panel type: VA LCD

Backlight type: W-LED system

Pixel pitch: 0.18159 ×0.18159 mm

Brightness: 350 cd/m²

Display colors: 1.07B (10 bits)*

Color gamut (typical): sRGB 122%, NTSC 106 %*

Contrast ratio (typical): 3500:1

SmartContrast: 50,000,000:1

Response time (typical): 4 ms (Gray to Gray)*

Viewing angle: 178º (H) / 178º (V), @ C/R > 10

Picture enhancement: SmartImage

Maximum resolution: 3840x2160@60Hz

Effective viewing area: 697.306 (H) x 392.234 (V)mm

Scanning Frequency: 30 - 140 kHz (H) /23 - 75 Hz (V)

sRGB

Flicker-free

Pixel Density: 140 PPI

LowBlue Mode

Display Screen Coating: Anti-Glare, 3H, Haze 25%

EasyRead

Connectivity

Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1, USB-C x 1 (upstream, DP Alt mode, Data, PD up to 90 W)

Sync Input: Separate Sync

Audio (In/Out): Audio out

RJ45: Ethernet LAN up to 1G*

HDCP: HDCP 1.4 (HDMI / DisplayPort / USB-C); HDCP 2.2 (HDMI / DisplayPort / USB-C)

USB Hub: USB3.2, Gen1, 5G; upstream: USB-C x1 ;downstream: USB-A x4 (with x1 fast charge B.C 1.2)

Power Delivery

Max power delivery: USB-C up to 90 W* (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.5A)

Version: USB PD version 3.0

Convenience

Built-in Speakers: 3 W x 2

Plug & Play Compatibility: DDC/CI, Mac OS, sRGB, Windows 11 / 10

User convenience: SmartImage, Input, Brightness, Menu, Power On/Off

OSD Languages: Brazil Portuguese, Czech, Dutch, English, French, Finnish, German, Greek, Hungarian, Italian, Japanese, Korean, Portuguese, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian

Other convenience: Kensington lock, VESA mount (100x100mm)

Control software: SmartControl

MultiView: PIP/PBP mode, 2x devices

Stand

Height adjustment: 180 mm

Pivot: -/+90 degree

Swivel: -/+180 degree

Tilt: -5/25 degree

Power

ECO mode: 20.4 W (typ.)

Power supply: Built-in, 100-240VAC, 50-60Hz

Off mode: 0.3 W (typ.)

On mode: 34.8 W (typ.)

Standby mode: 0.3 W (typ.)

Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 930 x 563 x 186 mm

Product without stand (mm): 714 x 422 x 62 mm

Product with stand(max height): 714 x 631 x 280 mm

Weight

Product with packaging (kg): 16.23 kg

Product with stand (kg): 11.47 kg

Product without stand (kg): 7.56 kg

Operating conditions

Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)

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: RoHS

Post consumer recycled plastic: 85%

Recyclable packaging material: 100 %

Specific Substances: PVC / BFR free housing, Mercury free, Lead-free

Compliance and standards

Regulatory Approvals: CB, CE Mark, TUV/GS, TUV Ergo, EAC, EAEU RoHS, MEPS, UKCA, EMF, FCC, ICES-003

Cabinet

Finish: Texture

Foot: Black/Black

Front bezel: Black/Black

Rear cover: Black/Black

* The speed of Ethernet LAN, will vary depending on the USB port used. For USB 2.0, the maximum speed is 10M/100M, while USB 3.2 supports speeds up to 1G.

* Response time value equal to SmartResponse

* sRGB Area based on CIE1931, NTSC Area based on CIE1976.

* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode

* 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.

* The USB-C power delivery of this display is up to 90 W, the maximum power delivery will depend on your device.

* At a maximum resolution of 3840 x 2160, 10 bit color depth can only be reached at 60Hz with a DisplayPort connection. For more information, please check the user manual.

* The products and accessories listed on this leaflet may differ by country and region.

* The monitor may look different from feature images.

PHILIPS