

# PHILIPS



LCD monitor with  
USB-C Dock

Brilliance

P Line

32 (31.5"/80 cm diag.)

3840 x 2160 (4K UHD)



328P6VUBREB

## Simplify your connections with USB-C docking monitor

This Philips Brilliance monitor with USB-C docking reduces cable clutter. View vivid, crisp 4K UHD images, securely connect to intranet and re-charge your notebook all at the same time with a single USB-C cable.

### Single cable USB-C connection

- Built-in RJ-45 Ethernet gives data security
- Built-in USB-C docking station
- Connect your notebook with one USB-C cable
- Power and re-charge compatible notebook from the monitor
- USB 3.1 high-speed data transfer

### Designed for the way you work

- Built-in stereo speakers for multimedia
- MultiView enables simultaneous dual connection and view
- SmartErgoBase enables user-friendly ergonomic adjustments

### True-to-life colourful images

- 1.074 billion colours for smooth colour gradations and detail
- High Dynamic Range (HDR) for more lifelike colourful visuals
- Ultra Wide-Color wider range of colours for a vivid picture
- LowBlue Mode for easy-on-the-eyes productivity

# Highlights

## Built-in USB-C docking station

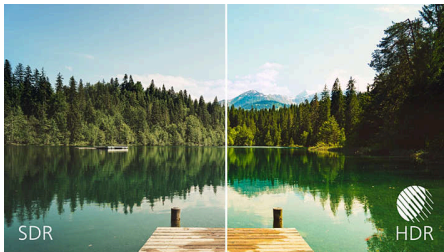


This Philips display features a built-in USB type-C docking station with power delivery. Its slim, reversible USB-C connector allows for easy, one-cable docking. Keep it simple by connecting all your peripherals, like your keyboard, mouse and your RJ-45 Ethernet cable to the monitor's docking station. Simply connect your notebook to this monitor with a single USB-C cable to watch high-resolution video and transfer super-speed data while powering up and recharging your notebook at the same time.

## Power and re-charge notebook

This monitor features a built-in USB-C connector that meets USB Power Delivery standard. With intelligent and flexible power management, you can now power up and/or re-charge your compatible\* Notebook directly from the Monitor using a single USB-C cable.

## High Dynamic Range (HDR)



High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and

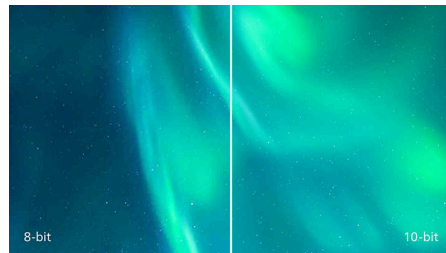
captivating colour, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colours never before seen on a display, giving you a visual experience that engages your senses and inspires emotions.

## Ultra Wide-Color Technology



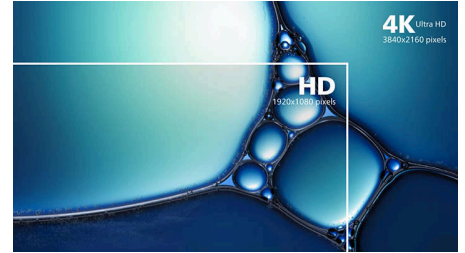
Ultra Wide-Color Technology delivers a wider spectrum of colours for a more brilliant picture. The Ultra Wide-Color wider "colour gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring media entertainment, images and even productivity more alive with vivid colours from Ultra Wide-Color Technology.

## 10-bit colours



The 10-bit display delivers rich colour depth with 1.074 billion colours and 12-bit internal processing for recreating smooth, natural colours without gradations and colour banding.

## UltraClear 4K UHD Resolution



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

## 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.



USB-C Docking



USB-C



HDR



Ultra Wide Color



Ultra HD



LowBlue Mode



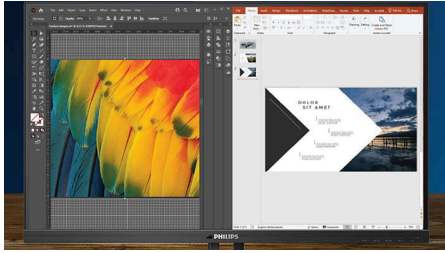
Multiview



SmartErgo Base

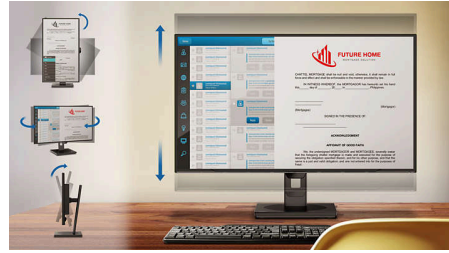
## Highlights

### MultiView technology



With the ultra-high resolution Philips MultiView display, you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multitasking.

### 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.



Specifications

Picture/Display

Panel Size: 31.5 inch/80 cm  
Aspect ratio: 16:9  
LCD panel type: VA LCD  
Backlight type: W-LED system  
Pixel pitch: 0.181 x 0.181 mm  
Optimum resolution: 3840 x 2160 @ 60 Hz  
Brightness: 600 cd/m<sup>2</sup> (peak)\* nit  
Display colours: Colour support 1.07 billion colours  
Colour gamut (typical): NTSC 116%\*, sRGB 138%\*, Adobe RGB 94%\*  
Colour gamut (min.): BT. 709 Coverage: 100%\*; DCI-P3 Coverage: 98%\*  
Contrast ratio (typical): 3000:1  
SmartContrast: 80,000,000 :1  
Response time (typical): 4 ms (Grey to Grey)\*  
Viewing angle: 178° (H)/178° (V), @ C/R &gt; 10  
Picture enhancement: SmartImage  
Effective viewing area: 698.4 (H) x 392.85 (V)  
Scanning Frequency: 30 - 160 kHz (H) / 23 - 80 Hz (V)  
sRGB  
Delta E: < 2  
Flicker-free  
Pixel Density: 139.87 PPI  
LowBlue Mode

Display Screen Coating: Anti-Glare, 3H, Haze 25%  
SmartUniformity: 95% ~ 103%  
EasyRead  
HDR: DisplayHDR 600 (DP/HDMI)

Connectivity

Signal Input: DisplayPort 1.4 x 1, HDMI 2.0 x 2, USB-C 3.1 Gen 1 x 1 (upstream, power delivery up to 65 W), USB 3.0 x 4 (downstream, 1 w/fast charging BC 1.2)\*  
Sync Input: Separate Sync, Sync on Green  
Audio (In/Out): PC audio-in, Headphone out  
RJ45: Ethernet LAN up to 1G\*

USB

Power delivery: USB PD version 2.0  
Super speed: Data and Video transfer  
DP: Built-in Display Port Alt mode  
USB-C max. power delivery: Up to 65 watts (5V/3A; 7V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A)  
USB-C: Reversible plug connector

Convenience

Built-in Speakers: 3 W x 2  
Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

User convenience: SmartImage, Multi-view, User, 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  
MultiView: PIP/PBP mode, 2 x devices

Stand

Height adjustment: 180 mm  
Pivot: 90 degree  
Swivel: -170/+170 degree  
Tilt: -5/20 degree

Power

ECO mode: 34.6 W (typ.)  
Power supply: Built-in, 100–240 VAC, 50–60 Hz  
Off mode: Zero watts with Zero switch  
On mode: 39.73 W (EnergyStar test method)  
Standby mode: < 0.5 W (typ.)  
Power LED indicator: Operation - White, Standby mode - White (flashing)  
Energy Label Class: G

# Specifications

Dimensions

Packaging in mm (W x H x D): 970 x 526 x 224 mm  
Product without stand (mm): 742 x 438 x 63 mm  
Product with stand (max height): 742 x 657 x 270 mm

Weight

Product with packaging (kg): 13.26 kg  
Product with stand (kg): 9.36 kg  
Product without stand (kg): 6.40 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 hrs (excluded backlight)

Sustainability

Environmental and energy: EnergyStar 8.0, EPEAT\*, TCO Certified Edge, WEEE, RoHS  
Post-consumer recycled plastic: 65%

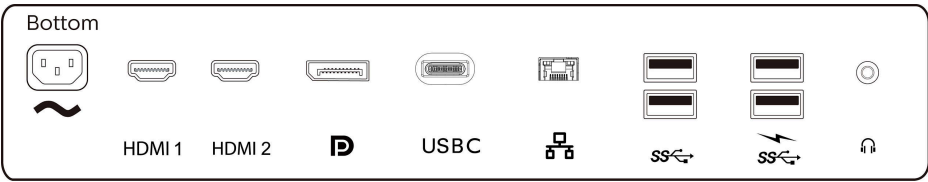
Recyclable packaging material: 100 %  
Specific Substances: PVC/BFR free housing, Mercury free  
Compliance and standards  
Regulatory Approvals: CB, EPA, cETLus, FCC Class B, ICES-003, CE Mark, TUV/ISO9241-307, SEMKO, CU-EAC, UKRAINIAN

Cabinet

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

What's in the box?

Cables: DP cable, HDMI cable, USB-C to USB-C cable, USB-C to USB-A cable, Power cable  
Monitor with stand  
User Documentation



\* 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.  
\* 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.  
\* Response time value equal to SmartResponse  
\* Brightness (typical): 400 cd/m²  
\* BT. 709 / DCI-P3 Coverage based on CIE1976  
\* NTSC Area based on CIE 1976  
\* sRGB Area based on CIE1931  
\* Adobe RGB Coverage based on CIE 1976  
\* 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.