

# PHILIPS

LCD monitor with  
USB-C Dock

Brilliance

P Line

32 (31.5" / 80 cm diag.)

4K UHD (3840 x 2160)



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, re-charge your notebook. All at the same time with a single USB-C cable.

### Single cable USB-C connection

- 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
- Built in RJ-45 ethernet gives data security

### True-to-life colorful images

- High Dynamic Range (HDR) for more lifelike colorful visuals
- Ultra Wide-Color wider range of colors for a vivid picture
- 10-bit IPS technology for full colors and wide viewing angle
- UltraClear 4K UHD (3840x2160) resolution for precision
- LowBlue Mode for easy on-the-eyes productivity

### Designed for the way you work

- MultiView enables active dual connect and view at same time
- SmartErgoBase enables people-friendly ergonomic adjustments

# Highlights

## Built in USB-C docking station



This Philips display features a built-in USB 3.1 type-C docking station with power delivery. It's slim, reversible USB-C connector allows for easy, one-cable docking. Simplify by connecting all your peripherals like KB, Mouse, and your RJ-45 ethernet cable to the monitors 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.

## Power & re-charge notebook

This monitor features a built in USB-C connector which 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)



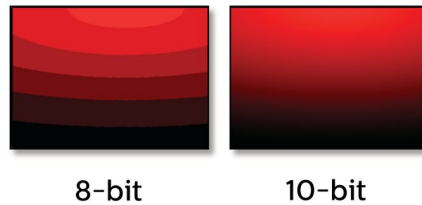
High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on 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 colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

## 10-bit IPS display technology



This Philips monitor uses a native 10-bit wide view angle display. This enables you to view consistent and smooth images with a color depth of 1.07 billion colors, vs an 8-bit display which is limited to only 16 million possible colors. With a suitable graphics card and appropriate software, you can now work on your color critical professional work with ease.

## UltraClear 4K UHD Resolution



These latest 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.

## 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.

## MultiView technology

With the ultra high resolution Philips MultiView display you can now experience a world of connectivity in a comfortable way whether at office or at home. MultiView enables active dual connect and view so that you can work with multiple devices like PC and Notebook side-by-side simultaneously, making complex multi-tasking work a breeze. Watching live football feed from your set-top box on right side, while browsing the Internet from your notebook on the left is now easy. You may want to keep an eye on the live news feed with audio in the small window, while working on your latest blog.

## SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; cable management reduces cable clutter and keeps the workspace neat and professional.



# Specifications

## Picture/Display

LCD panel type: VA LCD  
 Backlight type: W-LED system  
 Panel Size: 31.5 inch / 80 cm  
 Display Screen Coating: Anti-Glare, 3H, Haze 25%  
 Effective viewing area: 698.4 (H) x 392.85 (V)  
 Aspect ratio: 16:9  
 Optimum resolution: 3840 x 2160 @ 60Hz  
 Pixel Density: 139.87 PPI  
 Response time (typical): 4 ms (Gray to Gray)\*  
 Brightness: 400 cd/m<sup>2</sup>  
 Contrast ratio (typical): 3000:1  
 SmartContrast: 80,000,000 :1  
 Pixel pitch: 0.181 x 0.181 mm  
 Viewing angle: 178° (H) / 178° (V), @ C/R > 10  
 Flicker-free  
 Picture enhancement: SmartImage  
 Display colors: Color support 1.07 billion colors  
 Color gamut (typical): NTSC 116%\*, sRGB 138%\*  
 HDR: DisplayHDR 600 (DP/HDMI)  
 Scanning Frequency: 30 - 160 kHz (H) / 23 - 80 Hz (V)  
 SmartUniformity: 95% ~ 103%  
 Delta E: < 2  
 sRGB  
 LowBlue Mode  
 EasyRead

## 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 60 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 (10M/100M/1G)

## USB-C docking

USB-C: Reversible plug connector  
 Super speed: Data and Video transfer  
 DP: Built-in Display Port Alt mode

Power Delivery: USB PD version 2.0  
 Max power delivery: Upto 60watts (5V/3A; 7V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A)

## Convenience

Built-in Speakers: 3 W x 2  
 MultiView: PIP/PBP mode, 2x devices  
 User convenience: SmartImage, Multiview, User, 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 (100x100mm)  
 Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

## Stand

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

## Power

ECO mode: 34.6 W (typ.)  
 On mode: 41 W (EnergyStar 7.0 test method)  
 Standby mode: < 0.5 W (typ.)  
 Off mode: Zero watts with Zero switch  
 Power LED indicator: Operation - White, Standby mode- White (blinking)  
 Power supply: Built-in, 100-240VAC, 50-60Hz

## Dimensions

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

## Weight

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

## Operating conditions

Temperature range (operation): 0°C to 40°C  
 Temperature range (storage): -20°C to 60°C  
 Relative humidity: 20%-80 %  
 Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)  
 MTBF (demonstrated): 70,000 hrs (excluded backlight)

## Sustainability

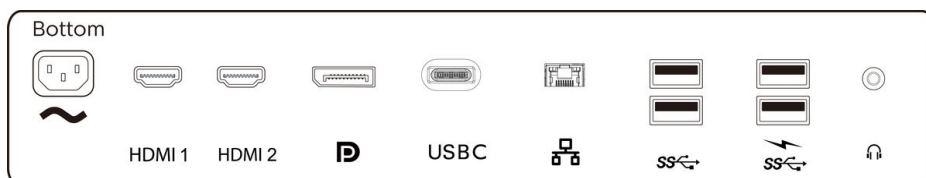
Environmental and energy: EnergyStar 7.0, EPEAT Gold\*, RoHS, TCO edge, WEEE  
 Recyclable packaging material: 100 %  
 Post consumer recycled plastic: 65%  
 Specific Substances: PVC / BFR free housing, Mercury free, Lead free

## Compliance and standards

Regulatory Approvals: CE Mark, FCC Class B, VCCI, RCM, ICES-003, J-MOSS, cETLus, EPA, PSB, CU-EAC, SEMKO, UKRAINIAN, PSE, CECP, TUV/ISO9241-307

## Cabinet

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



\* 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, on-line streaming video and audio over the Internet can impact your network performance. Your hardware, network bandwidth and its performance will determine overall audio and video quality.  
 \* Response time value equal to SmartResponse  
 \* NTSC Area based on CIE1976  
 \* sRGB Area based on CIE 1931  
 \* EPEAT Gold is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.  
 \* The monitor may look different from feature images.