



Philips Brilliance
LCD monitor with USB-C
Dock

P Line

32 (31.5"/80 cm diag.)
4K UHD (3840 x 2160)

Brilliance



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 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 colourful images

- High Dynamic Range (HDR) for more lifelike colourful visuals
- Ultra Wide-Color wider range of colours for a vivid picture
- 1.074 billion colours for smooth colour gradations and detail
- UltraClear 4K UHD (3840 x 2160) 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 the same time
- SmartErgoBase enables user-friendly ergonomic adjustments

PHILIPS

LCD monitor with USB-C Dock
P Line 32 (31.5"/80 cm diag.), 4K UHD (3840 x 2160)

Highlights

Built-in USB-C docking station

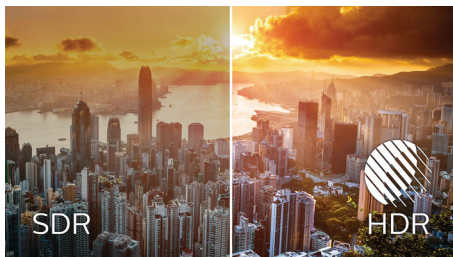


This Philips display features a built-in USB 3.1 type-C docking station with power delivery. Its slim, reversible USB-C connector allows for easy, one-cable docking. Simplify by connecting all your peripherals like KB, Mouse and your RJ-45 Ethernet cable to the monitor's docking station. Simply connect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

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



8-bit

10-bit

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.

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UltraClear 4K UHD Resolution



These latest Philips displays utilise high-performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are a professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or are 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.

MultiView technology

With the ultra-high resolution Philips MultiView display you can now experience a world of connectivity in comfort whether at the office or at home. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and Notebook side-by-side simultaneously, making complex multi-tasking work a breeze. Watching live football feeds from your set-top box on the right-hand 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.



USB-C Docking



4K
Ultra HD



LowBlue Mode



MultiView



SmartErgoBase



Ethernet



HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE



Built-in speakers

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 @ 60 Hz
- Pixel Density: 139.87 PPI
- Response time (typical): 4 ms (Grey to Grey)*
- Brightness: 400 cd/m² (typical), 600 cd/m² (peak)
- 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 colours: Colour support 1.07 billion colours
- Colour gamut (min.): BT. 709 Coverage: 100%*, DCI-P3 Coverage: 98%*
- Colour 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: Up to 60 watts (5V/3A; 7V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A)

Convenience

- Built-in Speakers: 3 W x 2
- MultiView: PIP/PBP mode, 2 x devices
- User convenience: SmartImage, Multi-view, 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 (100 x 100 mm)
- Plug and 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 (flashing)
- Power supply: Built-in, 100-240 VAC, 50-60 Hz

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 (W x H x D): 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 °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 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

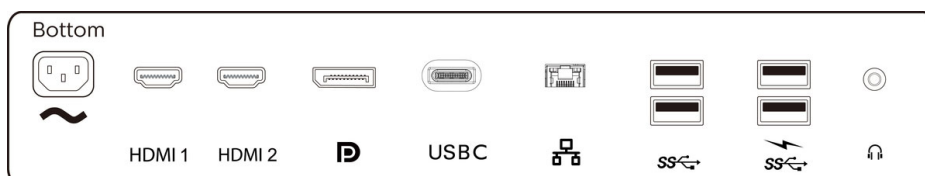
- Regulatory Approvals: CE Mark, FCC Class B, VCCI, RCM, ICES-003, J-MOSS, cETLus, EPA, PSB, CU-EAC, SEMKO, UKRAINIAN, PSE, CECP, TUV/ISO9241-307

Cabinet

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

What's in the box?

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



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Version: 4.1.2

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* 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

* NTSC Area based on CIE 1976

* sRGB Area based on CIE 1931

* BT. 709 / DCI-P3 Coverage based on CIE1976

* EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

* The monitor may look different from feature images.