Philips Brilliance
LCD monitor with USB-C
Dock

P Line
32 (viewable 31.5"/80 cm)
2560 x 1440 (QHD)

Brilliance

328P6AUBREB

Simplify your connections

with USB-C docking monitor

This Philips Brilliance monitor with USB-C docking replaces cable clutter. View QHD images, secure 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
- View Crystalclear QHD 2560 x 1440 images
- 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
- Pro colour standards 99% Adobe RGB, 100% sRGB
- 10-bit IPS technology for full colours and wide viewing angle
- LowBlue Mode for easy-on-the-eyes productivity

Sustainable Eco-design
- 100% recyclable packaging
- PVC-BFR free housing

PHILIPS

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.

Crystalclear QHD images

These Philips screens deliver Crystal Clear, Quad HD 2560 x 1440 or 2560 x 1080 pixel images. Utilising high-performance panels with high-density pixel count, enabled by high-bandwidth sources like Displayport, HDMI and Dual link DVI, these new displays will make your images and graphics come alive. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions, a user of 3D graphic applications or

a financial wizard working on huge spreadsheets, Philips displays will give you Crystal Clear images.

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.
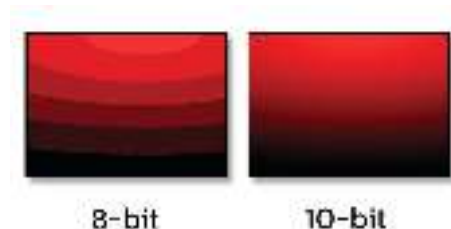
AdobeRGB

Meeting professional industry-standard colour, this monitor offers Adobe 99% and 100% sRGB colour spectrum. The enhanced colour rendering range of Adobe RGB makes it ideal for professional photo and video editing, animation or work with colour-critical projects. You can now be confident that your

colour is consistent and true to the original image.

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 colour depth of 1.07 billion colours, vs an 8-bit display which is limited to only 16 million possible colours. With a suitable graphics card and appropriate software, you can now work on your colour-critical professional work with ease.

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.

Specifications

Picture/Display

- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 31.5 inch/80.1 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 698.11 (H) x 392.69 (V)
- Aspect ratio: 16:9
- Optimum resolution: 2560 x 1440 @ 60Hz
- Pixel Density: 93 PPI
- Response time (typical): 4 ms (Grey to Grey)*
- Brightness: 450 cd/m²
- Contrast ratio (typical): 1200:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.2727 x 0.2727 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 (typical): Adobe RGB 99% (CIE 1976)
- HDR: DisplayHDR 400 (HDMI)
- Scanning Frequency: Horizontal: 30-99 KHz (VGA/ DP/USB-C type-C); 30-160 KHz (HDMI) / Vertical: 56-76 Hz
- SmartUniformity: 96% ~ 103%
- Delta E: < 2
- sRGB
- EasyRead
- LowBlue Mode

Connectivity

- Signal Input: VGA (Analogue), DisplayPort 1.2, HDMI 2.0 x 1, USB-C 3.1 Gen 1 x 1, USB 3.1 Gen 1 x 2 (downstream, 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

- 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
- USB-C 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
- User convenience: SmartImage, Input, Brightness, 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: 31.9 W (typ.)
- On mode: 23.72 W (EnergyStar test method)
- Standby mode: <0.5 W (typ.)
- Off mode: Zero watts with Zero switch
- Energy Label Class: G
- 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): 9.70 kg
- Product without stand (kg): 6.74 kg
- Product with packaging (kg): 13.86 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 8.0, EPEAT*, RoHS
- Recyclable packaging material: 100 %
- Post-consumer recycled plastic: 65%
- Specific Substances: PVC/BFR free housing, Mercury free

Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, VCCI, RCM, BSMI, ICES-003, J-MOSS, cETLus, EPA, PSB, CU-EAC, SEMKO, SASO, KUCAS, UKRAINIAN, PSE, CECP, WEEE, TUV Ergo, TUV/ GS, CB

Cabinet

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

What's in the box?

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

HDMI-DR DP D-SUB⊙ USBC SS← 🖧 AUDIO IN 🎧

I/O back panel connector diagram

* Response time value equal to SmartResponse
* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode
* 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.
* 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.
* 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.