Philips Brilliance
LCD monitor with USB-C docking

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

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, 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
• View Crystalclear QHD 2560x1440 images

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

True-to-life colorful images
• High Dynamic Range (HDR) for more lifelike colorful visuals
• LowBlue Mode for easy on-the-eyes productivity
• Pro color standards 99% AdobeRGB, 100% sRGB
• 10-bit IPS technology for full colors and wide viewing angle

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. 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.

USB-C connection

This Philips display features a USB type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB-C allows for easy, one-cable connection. You can watch high resolution video and transfer data at a super-speed, while powering up and re-charging your compatible device 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.

Crystalclear QHD images

These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like USB-C, Displayport, HDMI, Dual link DVI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.
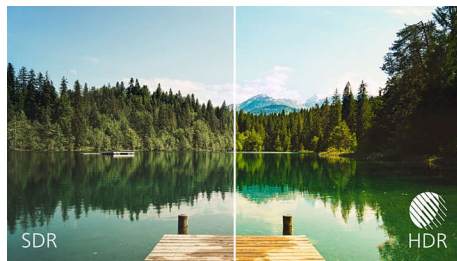
High speed data transfer

USB 3.1 high speed data transfer

Built in RJ-45 ethernet

Built in RJ-45 ethernet gives data security

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.

AdobeRGB

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

USB-C Docking · HDR · Adobe RGB Color · LowBlue Mode · Adobe RGB Color · VESA CERTIFIED DisplayHDR 400 · Ethernet · IPS Wide Viewing Angle · Quad HD · SmartErgo Base

Specifications

Connectivity
- Signal Input: VGA (Analog), 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*

Picture/Display
- Panel Size: 31.5 inch / 80.1 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.2727 x 0.2727 mm
- Optimum resolution: 2560 x 1440 @ 60Hz
- Brightness: 450 cd/m²
- Display colors: Color support 1.07 billion colors
- Color gamut (typical): Adobe RGB 99% (CIE 1976)
- Contrast ratio (typical): 1,200:1
- SmartContrast: 50,000,000 :1
- Response time (typical): 4 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 698.11 (H) x 392.69 (V)
- Scanning Frequency: Horizontal: 30 - 99 KHz (VGA/ DP/USB type-C); 30 - 160 KHz (HDMI) / Vertical: 56 - 76 Hz
- sRGB
- Delta E <2
- Flicker-free
- Pixel Density: 93 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- SmartUniformity: 96% ~ 103%
- EasyRead
- HDR: DisplayHDR 400 (HDMI)

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: Upto 60watts (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 & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Input, Brightness, 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 (100x100mm)
- Control software: SmartControl

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

Power
- ECO mode: 31.9 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with Zero switch
- On mode: 23.72 W (EnergyStar test method)
- Standby mode: <0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Packaging in mm (WxHxD): 970 x 526 x 224 mm
- Product without stand (mm): 742 x 438 x 63 mm
- Packaging in inch (WxHxD): 38.2 x 20.7 x 8.8 inch
- Product without stand in inch: 29.2 x 17.2 x 2.5 inch
- Product with stand(max height): 742 x 657 x

270 mm
- Product with stand(max height): 29.2 x 25.9 x 10.6 inch

Weight
- Product with packaging (kg): 13.86 kg
- Product with stand (kg): 9.70 kg
- Product with packaging (lb): 30.49 lb
- Product with stand (lb): 21.34 lb
- Product without stand (kg): 6.74 kg
- Product without stand (lb): 14.83 lb

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)
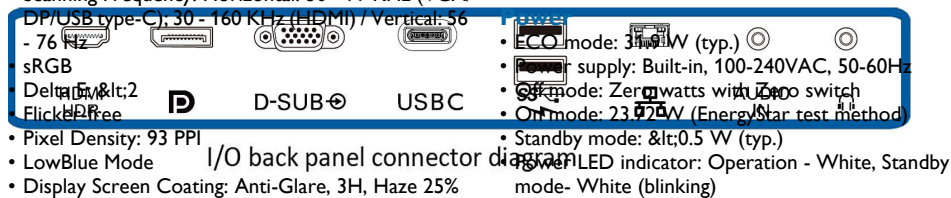
Sustainability
- Environmental and energy: EnergyStar 8.0, EPEAT*, RoHS
- Post consumer recycled plastic: 65%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free

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

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

HDMI   DP   D-SUB   USBC

I/O back panel connector diagram

Specifications

What's in the box?
• Cables: D-Sub cable, DP cable, HDMI cable, USB-C to USB-C cable, USB-C to USB-A cable, Power cable, Audio cable
• Monitor with stand
• User Documentation

* 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, 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.
* 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 OSD menu and select USB 3.0 or higher version which can support the LAN speed 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.