Philips Brilliance
LCD monitor with USB-C
docking

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

Designed for the way you work
• Built-in stereo speakers for multimedia
• MultiView enables simultaneous dual connection and view
• SmartErgoBase enables people-friendly ergonomic adjustments

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

True-to-life colorful images
• 1.074 billion colors for smooth color gradations and detail
• High Dynamic Range (HDR) for more lifelike colorful visuals
• Ultra Wide-Color wider range of colors for a vivid picture
• LowBlue Mode for easy on-the-eyes productivity

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.
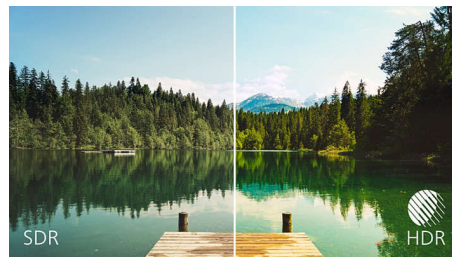
High speed data transfer

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.
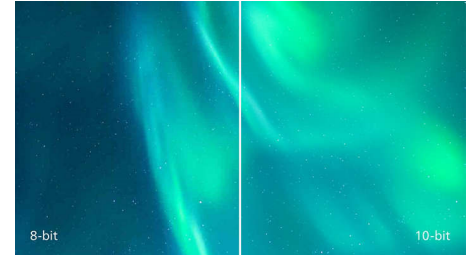
Ultra Wide-Color Technology

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
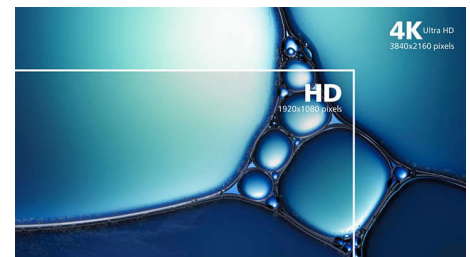
more alive and vivid colors from Ultra Wide-Color Technology.

10-bit colors

The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color banding.

UltraClear 4K UHD Resolution

These 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.

USB-C Docking · HDR · Ultra Wide Color · 4K Ultra HD · LowBlue Mode · Multiview · SmartErgo Base · Built-in Speaker · Ethernet

Specifications

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*

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 @ 60Hz
- Brightness: 600 cd/m² (peak)* nit
- Display colors: Color support 1.07 billion colors
- Color gamut (typical): NTSC 116%*, sRGB 138%*, Adobe RGB 94%*
- Color 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 (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 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)

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 65watts (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, Multiview, 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 (100x100mm)
- Control software: SmartControl
- MultiView: PIP/PBP mode, 2x 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, 100-240VAC, 50-60Hz
- 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 (blinking)

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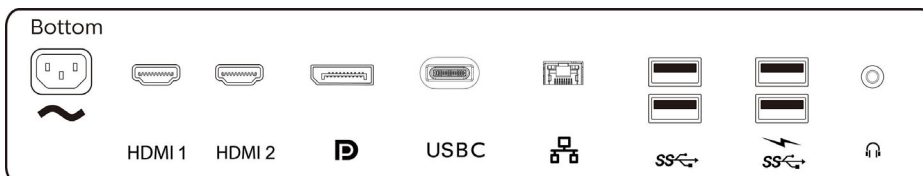- MTBF (demonstrated): 70,000 hrs (excluded backlight)

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, PSB, UKRAINIAN

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

Bottom

	HDMI 1	HDMI 2	P	USBC	品	SS←	SS←	∩

* 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
* Brightness (typical): 400 cd/m2
* BT. 709 / DCI-P3 Coverage based on CIE1976
* NTSC Area based on CIE1976
* sRGB Area based on CIE1931
* Adobe RGB Coverage based on CIE1976
* 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.