PHILIPS

LCD monitor with USB-C docking

Brilliance

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

Highlights

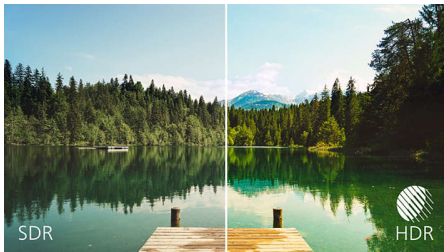## Built in USB-C docking station

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.

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)

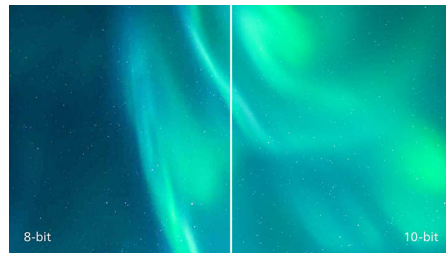High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on display, giving you a visual experience that engages your senses and inspires emotions.
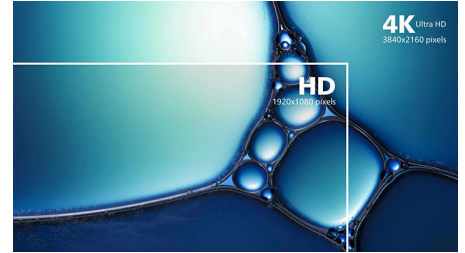
Ultra Wide-Color Technology

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 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.

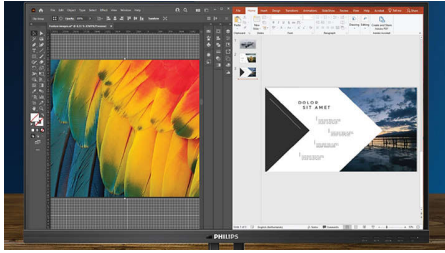USB-C Docking   HDR   Ultra Wide Color   4K Ultra HD   LowBlue Mode   Multiview   SmartErgo Base   Built-in Speaker
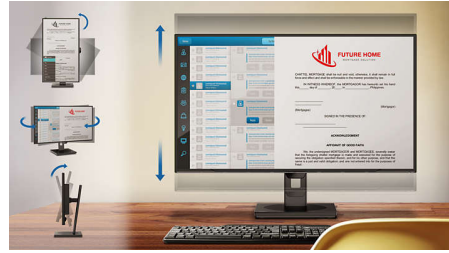
Highlights

MultiView technology

With the ultra-high resolution Philips MultiView display you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multi-tasking.

SmartErgoBase

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

Built-in stereo speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

Ethernet

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328P6VUBREB/89

Specifications

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: 178º (H) / 178º (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)

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*

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, 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, UKRAINIAN
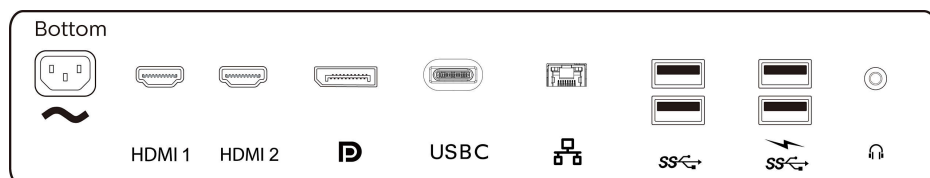
Cabinet

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

Bottom

HDMI 1   HDMI 2   DP   USBC   RJ45   SS←   SS← (fast charging)   headphone

* 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.

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