



LCD monitor with USB-C Dock

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

328P6VUBREB/89

## 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.

### Benefits

#### 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 colorful images

- High Dynamic Range (HDR) for more lifelike colorful visuals
- Ultra Wide-Color wider range of colors for a vivid picture

- 1.074 billion colors for smooth color gradations and detail
- UltraClear 4K UHD (3840x2160) resolution for precision
- LowBlue Mode for easy on-the-eyes productivity

#### Designed for the way you work

- MultiView enables simultaneous dual connect and view
- SmartErgoBase enables people-friendly ergonomic adjustments
- Built-in stereo speakers for multimedia

# PHILIPS

## Features

### 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)



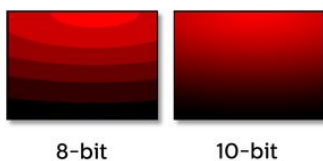
High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never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

### Ultra Wide-Color Technology



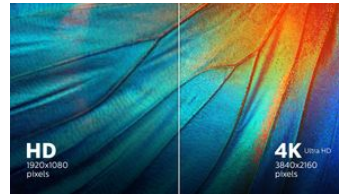
Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

### 10-bit colors



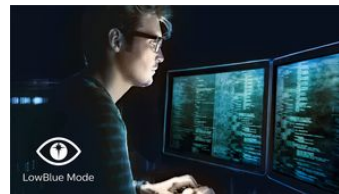
The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color banding.

### 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.

### 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's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; 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.

## Specifications

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### Picture/Display

LCD panel type	VA LCD
Backlight type	W-LED system
Panel Size	31.5 inch / 80 cm
Display Screen	Anti-Glare, 3H, Haze 25%
Coating	
Effective viewing area	698.4 (H) x 392.85 (V)
Aspect ratio	16:9
Optimum resolution	3840 x 2160 @ 60Hz
Pixel Density	139.87 PPI
Response time (typical)	4 ms (Gray to Gray)*
Brightness	600 cd/m <sup>2</sup> (peak)* nit
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	Yes
Picture enhancement	SmartImage
Display colors	Color support 1.07 billion colors
Color gamut (min.)	BT. 709 Coverage: 100%*; DCI-P3 Coverage: 98%*
Color gamut (typical)	NTSC 116%*, sRGB 138%*, Adobe RGB 94%*
HDR	DisplayHDR 600 (DP/HDMI)
Scanning Frequency	30 - 160 kHz (H) / 23 - 80 Hz (V)
SmartUniformity	95% ~ 103%
Delta E	< 2
sRGB	Yes
LowBlue Mode	Yes
EasyRead	Yes

Other convenience	Japanese Korean Polish Portuguese Russian Simplified Chinese Spanish Swedish Traditional Chinese Turkish Ukrainian Kensington lock VESA mount (100x100mm)
Plug & 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	39.73 W (EnergyStar test method)
Standby mode	< 0.5 W (typ.)
Off mode	Zero watts with Zero switch
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	Built-in 100-240VAC, 50-60Hz

### 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

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	Upto 65watts (5V/3A; 7V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A)

### Convenience

Built-in Speakers	3 W x 2
MultiView	PIP/PBP mode 2x devices
User convenience	SmartImage Multiview User Menu Power On/Off
Control software	SmartControl
OSD Languages	Brazil Portuguese Czech Dutch English Finnish French German Greek Hungarian Italian

### 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 (WxHxD)	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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF (demonstrated)	70,000 hrs (excluded backlight)

### Sustainability

Environmental and energy	EnergyStar 8.0 EPEAT* TCO Certified Edge RoHS
Recyclable packaging material	100 %
Post consumer recycled plastic	65%
Specific Substances	PVC / BFR free housing Mercury free

## Compliance and standards

CU-EAC  
UKRAINIAN

Regulatory Approvals    CB  
                                  EPA  
                                  cETLus  
                                  FCC Class B  
                                  ICES-003  
                                  CE Mark  
                                  TUV/ISO9241-307  
                                  SEMKO

## Cabinet

Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

- \* 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.



data subject to change  
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