



Philips Brilliance  
LCD monitor with USB-C  
docking

### P Line

27" (68.5 cm)  
3840 x 2160 (4K UHD)



272P7VUBNB

## Simplify your connections

with USB-C docking monitor

This Philips UltraClear 4K UHD monitor with USB-C docking replaces cable clutter. View UHD images, secure connect to intranet, re-charge your notebook. All at the same time with a single USB-C cable.

#### Brilliant performance

- UltraClear 4K UHD (3840x2160) resolution for precision
- IPS technology for full colors and wide viewing angles

#### 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 3.2 high speed data transfer

#### Sustainable Eco-design

- PowerSensor saves up to 80% energy costs

#### Designed for comfortable productivity

- SmartErgoBase enables people-friendly ergonomic adjustments
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity

**PHILIPS**

LCD monitor with USB-C docking  
P Line 27" (68.5 cm), 3840 x 2160 (4K UHD)

272P7VUBNB/27

# 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

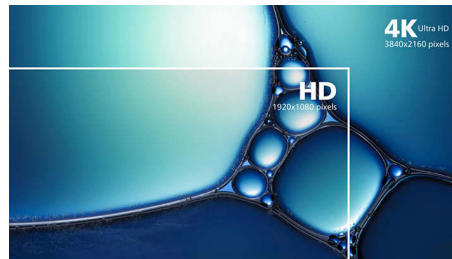
USB 3.2 high speed data transfer

## Built in RJ-45 ethernet



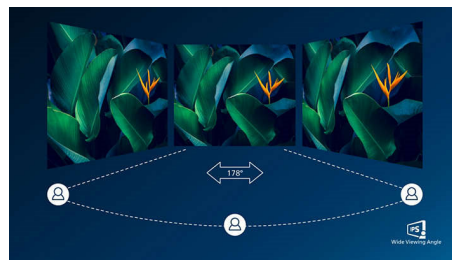
Built in RJ-45 ethernet gives data security

## 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.

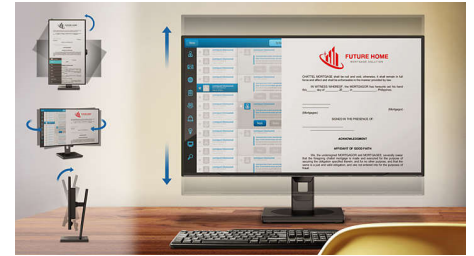
## IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display

from almost any angle - even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

## 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.

## 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.



# Specifications

## Connectivity

- Signal Input: DisplayPort 1.2, HDMI 2.0, USB-C 3.2 Gen2 x 1 (upstream, power delivery up to 65 W)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Headphone out
- RJ45: Ethernet LAN up to 1G\*
- USB:: USB-C 3.2 x 1 Gen 2 (upstream), USB 3.2 x 2 (downstream, w/ 1 fast charging)

## Picture/Display

- Panel Size: 27 inch / 68.5 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.155 x 0.155 mm
- Optimum resolution: 3840 x 2160 @ 60Hz
- Brightness: 350 cd/m<sup>2</sup>
- Brightness uniformity: 97% ~ 102%
- Display colors: Color support 1.07 billion colors
- Color gamut (typical): NTSC 103\*, sRGB 122%\*
- Contrast ratio (typical): 1,000:1
- SmartContrast: 80,000,000:1
- Response time (typical): 5 ms (Gray to Gray)\*
- Viewing angle: 178° (H) / 178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage
- Effective viewing area: 596.7 (H) x 335.7 (V)
- Scanning Frequency: 30 - 160 kHz (H) (HDMI 2.0 / DP 1.2 / USB-C) / 23 - 75 Hz (V) (HDMI 2.0 / DP 1.2 / USB-C)
- sRGB
- Delta E: < 2
- Flicker-free
- Pixel Density: 163 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- EasyRead

## USB

- Power delivery: USB PD version 3.0
- Super speed: Data and Video transfer
- DP: Built-in DisplayPort Alt mode
- USB-C max. power delivery: Upto 65 watts (5V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/3.25A)
- USB-C: Reversible plug connector

## Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Input, PowerSensor, Menu, Power On/Off
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Control software: SmartControl

## Stand

- Height adjustment: 150 mm
- Pivot: 90 degree

- Swivel: -175/175 degree
- Tilt: -5/30 degree

## Power

- ECO mode: 21.5 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with Zero switch
- On mode: 22.99 W (typ.) (EnergyStar test method)
- Standby mode: < 0.4 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Packaging in mm (WxHxD): 690 x 458 x 252 mm
- Product without stand (mm): 614 x 372 x 56 mm
- Packaging in inch (WxHxD): 27.2 x 18.0 x 9.9 inch
- Product without stand in inch: 24.2 x 14.6 x 2.2 inch
- Product with stand(max height): 614 x 548 x 257 mm
- Product with stand(max height): 24.2 x 21.6 x 10.1 inch

## Weight

- Product with packaging (kg): 10.50 kg
- Product with stand (kg): 7.68 kg
- Product with packaging (lb): 23.10 lb
- Product with stand (lb): 16.90 lb
- Product without stand (kg): 5.25 kg
- Product without stand (lb): 11.55 lb

## Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 70,000 hrs (excluded backlight) hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: PowerSensor, EnergyStar 8.0, EPEAT\*, RoHS
- Post consumer recycled plastic: 85%
- 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, SEMKO, CU-EAC

## Cabinet

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

## What's in the box?

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



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or their respective owners.

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\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.  
\* Response time value equal to SmartResponse  
\* NTSC Area based on CIE1976  
\* sRGB Area based on CIE1931  
\* 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.  
\* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode  
\* 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.