



Philips Business Monitor  
LCD monitor with USB-C  
docking

### B Line

27" (68.6 cm)  
2560 x 1440 (QHD)



272B7QUPBEB

## Simplify your connections

with USB-C docking monitor

This Philips QHD 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.

#### Brilliant performance

- IPS technology for full colors and wide viewing angles
- Narrow border display for a seamless appearance
- Ultra Wide-Color wider range of colors for a vivid picture
- LowBlue Mode for easy on-the-eyes productivity

#### 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
- View Crystalclear QHD 2560x1440 images

#### Sustainable Eco-design

- PowerSensor saves up to 70% energy costs

# PHILIPS

LCD monitor with USB-C docking  
B Line 27" (68.6 cm), 2560 x 1440 (QHD)

# 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.

## Ultra Wide-Color Technology

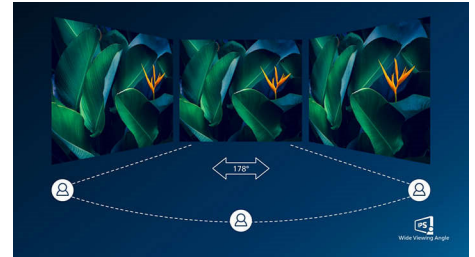


Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media

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entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

## 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.

## 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



Ultra Wide Color



Wide Viewing Angle



LowBlue Mode



Ultra Narrow Bezel



PowerSensor



Ethernet



Flicker-free



Wide Viewing Angle



Quad HD

# Specifications

## Connectivity

- Signal Input: DisplayPort 1.2 x 1, HDMI 1.4 x 1
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Headphone out
- RJ45: Ethernet LAN up to 1G\*
- Signal Output: DisplayPort out x 1
- USB: USB-C 3.2 x 1 (upstream), USB 3.2 x 3 (downstream, w/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: 0.233 x 0.233 mm
- Brightness: 350 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Color gamut (typical): NTSC 114%\*, sRGB 132%\*
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Response time (typical): 5 ms (Gray to Gray)\*
- Viewing angle: 178° (H) / 178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage
- Maximum resolution: 2560 x 1440 @ 75 Hz\*
- Effective viewing area: 596.7 (H) x 335.7 (V)
- Scanning Frequency: 30 - 99 kHz (H) / 50 - 76 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 109 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- EasyRead

## 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 65 watts (5V/3A; 7V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3A)
- USB-C: Reversible plug connector

## Convenience

- Built-in Speakers: 2 W x 2
- 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, 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: 150 mm

- Pivot: 90 degree
- Swivel: -175/175 degree
- Tilt: -5/30 degree

## Power

- ECO mode: 19.7 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with Zero switch
- On mode: 19.02 W (typ.) (EnergyStar test method)
- Standby mode: < 0.5 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): 10.16 kg
- Product with stand (kg): 7.38 kg
- Product with packaging (lb): 22.35 lb
- Product with stand (lb): 16.24 lb
- Product without stand (kg): 4.95 kg
- Product without stand (lb): 10.89 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: PowerSensor, EnergyStar 8.0, EPEAT\*, TCO Certified Edge, RoHS, WEEE
- Post consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, cETLus, CU-EAC, TUV Ergo, TUV/GS, EPA, UKRAINIAN, ICES-003, CCC, CECP, PSB, CEL, CB

## Cabinet

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



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\* 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.

\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

\* The maximum resolution works for either USB-C, DP or HDMI input.

\* Response time value equal to SmartResponse

\* NTSC Area based on CIE1976

\* sRGB Area based on CIE1931

\* 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.