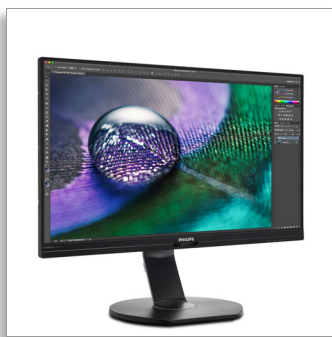Philips Brilliance
LCD monitor with USB-C
docking

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

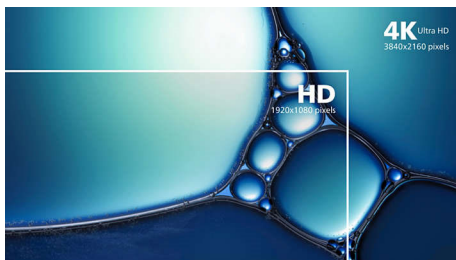# PHILIPS

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.
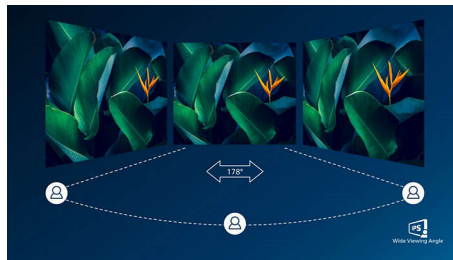
UltraClear 4K UHD Resolution

These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely
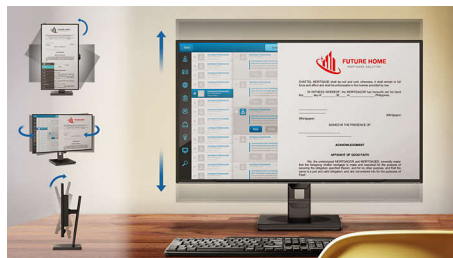
detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

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.

Flicker-free technology

Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

USB-C Docking | USB-C | 4K Ultra HD | Wide Viewing Angle | SmartErgo Base | LowBlue Mode | Flicker-free | PowerSensor | Ethernet | Wide Viewing Angle

Specifications

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/m²
- 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 > 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

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)

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

Specifications

• User Documentation

* "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.