



Philips Brilliance
LCD monitor with USB-C

P Line

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

Brilliance

279P1B

Next-level

accuracy and productivity

This Philips Brilliance USB-C monitor replace cable clutter. View UltraClear 4K UHD and re-charge a laptop, all at the same time with a single USB-C cable. SmartErgo base, Flicker-free and LowBlue mode make work easy-on-the eyes.

Single cable USB-C connection

- USB-C enables laptop power charging directly from a monitor
- Built in RJ-45 ethernet gives data security

Designed for the way you work

- UltraClear 4K UHD (3840x2160) resolution for precision
- Pro color standards 99% AdobeRGB, 99% DCI-P3
- DisplayHDR 400 for more lifelike and outstanding visuals
- TÜV Eye Comfort certified to reduce eye fatigue
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- SmartErgoBase enables people-friendly ergonomic adjustments
- MultiView enables simultaneous dual connection and view

Sustainable Eco-design

- PowerSensor saves up to 80% energy costs
- LightSensor for the perfect brightness with minimal power



PHILIPS

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

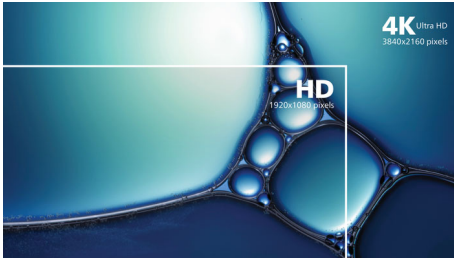
Highlights

USB Type-C connection



This Philips display features a built-in USB type-C docking station with power delivery. With intelligent and flexible power management, you can power charge your compatible* laptop directly. 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. You can watch high resolution video and transfer data at a super-speed, while powering up and re-charging your notebook at the same time.

UltraClear 4K UHD Resolution



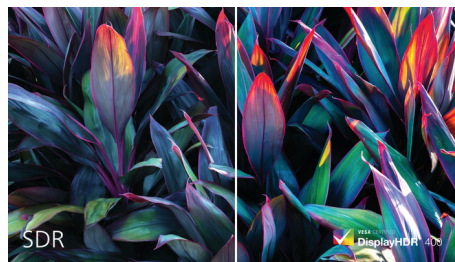
These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips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

99% AdobeRGB and DCI-P3

Different types of creators require different color spaces and need to know the colors they see on screen are correctly represented. With these color gamut spaces professionals have

access to the wide range of colors they need to produce their best work. Meeting professional industry-standard color, this Philips monitor offers 99% AdobeRGB, 99% DCI-P3 color spectrum. The enhanced color rendering range of Adobe RGB makes it ideal for professional photo and video editing, animation, or work with color-critical projects. You can now be confident that your color is consistent and true to the origi

DisplayHDR 400



VESA-certified DisplayHDR 400 delivers a significant step-up from normal SDR displays. Unlike, other 'HDR compatible' screens, true DisplayHDR 400 produces astonishing brightness, contrast and colors. With global dimming and peak brightness up-to 400 nits, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.

TUV Rheinland Eye Comfort



Philips display meet TUV Rheinland Eye Comfort standard to prevent eye strain caused by prolonged computer use. With TUV Eye Comfort certification, Philips displays ensure

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flicker-free, low blue mode, no disturbing reflections, wide viewing angle and less reduction of image quality from different angles and ergonomic stand designs for ideal viewing experience. Keep your eyes healthy and boost work productivity.

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.

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

4K

Ultra HD



99% Adobe RGB



VESA CERTIFIED
DisplayHDR 400



Multiview



Flicker-free



LowBlue Mode



SmartErgo
Base



PowerSensor



LightSensor

Specifications

Picture/Display

- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.5 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 596.736 (H) x 335.664 (V)
- Aspect ratio: 16:9
- Maximum resolution: 3840 x 2160 @ 60 Hz*
- Pixel Density: 163 PPI
- Response time (typical): 4 ms (Gray to Gray)*
- Brightness: 350 cd/m²
- Contrast ratio (typical): 1200:1
- SmartContrast: 50,000,000 :1
- Pixel pitch: 0.1554 x 0.1554 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Display colors: Color support 1.07 billion colors
- Color gamut (min.): DCI-P3 99%*
- Color gamut (typical): NTSC 134%*, sRGB 99.9%*, Adobe RGB 99%*
- HDR: DisplayHDR 400 certified
- Scanning Frequency: 30 - 140 kHz (H) / 40 - 60 Hz (V)
- SmartUniformity: 93 ~ 105%
- Delta E: < 1 (typical) for sRGB
- sRGB
- LowBlue Mode
- EasyRead
- Adaptive sync

Connectivity

- Signal Input: DisplayPort 1.4 x 1, HDMI 2.0 x 2, USB-C x 1 (USB 3.2 Gen 2 upstream, DP Alt mode, power delivery up to 90 W)
- USB Hub: USB 3.2 Gen 2 10 Gbps, USB-A downstream x 4 (with 1 fast charge B.C 1.2)
- HDCP: HDCP 1.4 (HDMI / DP / USB-C), HDCP 2.2 (HDMI / DP / USB-C)
- HBR3: HBR3 (USB-C)
- RJ45: Ethernet LAN up to 1G*, Wake on LAN
- Audio (In/Out): Audio out
- Sync Input: Separate Sync

Power Delivery

- Version: USB PD version 3.0
- Max power delivery: USB-C up to 90W (5V/3A; 7V/3A; 9V/3A; 10V/3A; 12V/3A; 15V/3A; 20V/4.5A)

Convenience

- Built-in Speakers: 3 W x 2
- MultiView: PIP (2x devices), PBP (2x devices)
- User convenience: SmartImage, Input, PowerSensor, Menu, Power On/Off
- Control software: SmartControl
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, French, Finnish, German, Greek, Hungarian, Italian, Japanese, Korean, Portuguese, Polish, Russian, Simplified Chinese, Spanish, Swedish,

- Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7

Stand

- Height adjustment: 150 mm
- Pivot: -/+90 degree
- Swivel: -/+180 degree
- Tilt: -5/35 degree

Power

- ECO mode: 24.6 W (typ.)
- On mode: 32 W (typ.) (EnergyStar test method)
- Standby mode: 0.3 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

Dimensions

- Product with stand(max height): 613 x 537 x 225 mm
- Product with stand(max height): 24.1 x 21.1 x 8.9 inch
- Product without stand (mm): 613 x 366 x 54 mm
- Product without stand in inch: 24.1 x 14.4 x 2.1 inch
- Packaging in mm (WxHxD): 730 x 471 x 193 mm
- Packaging in inch (WxHxD): 28.7 x 18.5 x 7.6 inch

Weight

- Product with stand (kg): 6.90 kg
- Product with stand (lb): 15.18 lb
- Product without stand (kg): 5.14 kg
- Product without stand (lb): 11.31 lb
- Product with packaging (kg): 10.38 kg
- Product with packaging (lb): 22.84 lb

Operating conditions

- Temperature range (operation): 0°C to 40 °C
- Temperature range (storage): -20°C to 60 °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, PowerSensor, LightSensor, RoHS
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 85%
- Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards

- Regulatory Approvals: CB, CE Mark, TUV Eye Comfort certified, cETLus, FCC Class B, ICES-003

Cabinet

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

What's in the box?

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



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Version: 1.0.1

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UPC: 6 09585 25630 9

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* "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
* DCI-P3 Coverage based on CIE1976
* NTSC Area based on CIE1976
* sRGB Coverage based on CIE1931
* Adobe RGB Coverage based on CIE1976
* 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.
* 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.
* The monitor may look different from feature images.