Philips Monitor
LCD monitor with USB-C

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

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

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

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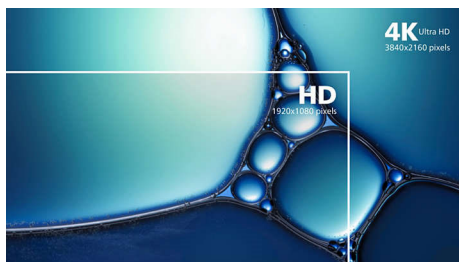
PHILIPS

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

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.

4K Ultra HD   99% Adobe RGB   DisplayHDR 400   Eye Comfort TÜV Rheinland Certified   Flicker-free   LowBlue Mode   PowerSensor   SmartErgo Base   LightSensor   Multiview

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

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)
- Sync Input: Separate Sync
- Audio (In/Out): Audio out
- RJ45: Ethernet LAN up to 1G*, Wake on LAN
- HDCP: HDCP 1.4 (HDMI / DP / USB-C), HDCP 2.2 (HDMI / DP / USB-C)

- HBR3: HBR3 (USB-C)
- USB Hub: USB 3.2 Gen 2 10 Gbps, USB-A downstream x 4 (with 1 fast charge B.C 1.2)

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

Convenience
- Built-in Speakers: 3 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Input, PowerSensor, Menu, Power On/Off
- 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)
- Control software: SmartControl
- MultiView: PIP (2x devices), PBP (2x devices)

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

Power
- ECO mode: 24.6 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with Zero switch
- On mode: 32 W (typ.) (EnergyStar test method)
- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Packaging in mm (WxHxD): 730 x 471 x 193 mm
- Product without stand (mm): 613 x 366 x 54 mm
- Packaging in inch (WxHxD): 28.7 x 18.5 x 7.6 inch
- Product without stand in inch: 24.1 x 14.4 x 2.1 inch
- 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

Weight
- Product with packaging (kg): 10.38 kg
- Product with stand (kg): 6.90 kg
- Product with packaging (lb): 22.84 lb
- Product with stand (lb): 15.18 lb
- Product without stand (kg): 5.14 kg
- Product without stand (lb): 11.31 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: EnergyStar 8.0, PowerSensor, LightSensor, RoHS
- Post consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- 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
- Finish: Texture

Specifications

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

What's in the box?
- Cables: HDMI cable, DisplayPort cable, USB-C to C/ A Y cable, Power cable
- Monitor with stand
- User Documentation

* "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.