Philips Monitor
LCD monitor with USB-C

P Line
32 (31.5" / 80 cm diag.)
3840 x 2160 (4K UHD)

329P1RN

Master every task in a crisp view

This Philips Brilliance USB-C monitor replace cable clutter. View UltraClear 4K HDR images and laptop upto 90W, 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
- Connect your notebook with one USB-C cable
- Power and re-charge compatible notebook from the monitor

Designed for the way you work
- SmartErgoBase enables people-friendly ergonomic adjustments
- High Dynamic Range (HDR) for more lifelike colorful visuals
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- EasyRead mode for a paper-like reading experience
- UltraClear 4K UHD (3840x2160) resolution for precision
- VA display delivers awesome images with wide viewing angles

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

PHILIPS

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Highlights

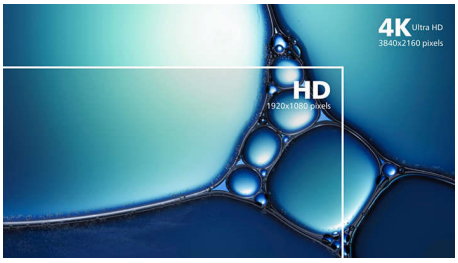
USB-C connection

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

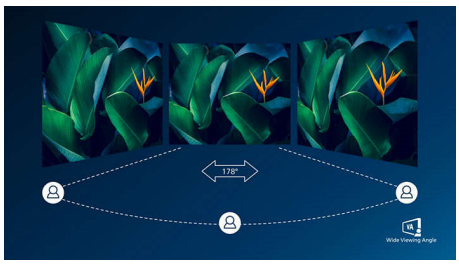
This monitor features a built in USB-C connector which meets USB Power Delivery standard. With intelligent and flexible power management, you can now power up and or re-charge your compatible* Notebook directly from the Monitor using a single USB-C cable.

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.

VA display



Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

High Dynamic Range (HDR)

High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on display, giving you a visual experience that engages your senses and inspires emotions.

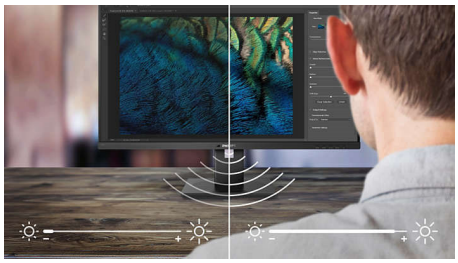
Flicker-free technology

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.

PowerSensor



PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

4K Ultra HD
Wide Viewing Angle
HDR
Flicker-free
LowBlue Mode
PowerSensor
LightSensor
SmartErgo Base
EasyRead

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Specifications

Connectivity
- Signal Input: DisplayPort 1.4 x 1, HDMI 2.0 x 1, USB-C x1
- Sync Input: Separate Sync
- Audio (In/Out): Audio out
- HDCP: HDCP 2.2 (HDMI / DP / USB-C)
- HBR3: for USB-C

Picture/Display
- Panel Size: 31.5 inch / 80 cm
- Aspect ratio: 16:9
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.18159 x 0.18159 mm
- Optimum resolution: 3840 x 2160 @ 60Hz
- Brightness: 350 cd/m²
- Display colors: 16.7M
- Color gamut (typical): NTSC 98%*, sRGB 119%*, Adobe RGB 97%*
- Contrast ratio (typical): 3000:1
- 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
- Effective viewing area: 697.306 (H) x 392.234 (V)
- Scanning Frequency: 30 - 140 kHz (H) / 23 - 75 Hz (V)
- sRGB
- Delta E: < 2 (for sRGB)
- Flicker-free
- Pixel Density: 140 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- SmartUniformity: 93 ~ 105%
- EasyRead
- Adaptive sync
- HDR: Ready

USB
- USB Ports: USB-C x 1 (upstream, DisplayPort Alt mode, HDCP 2.2); USB 3.2 x 4 (downstream with 1 fast charge BC1.2)
- Power delivery: USB-C: USB PD version 3.0, up to 90W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.5A); USB-A (side): x1 fast charge B.C 1.2, up to 7.5W (5V/1.5A)
- Super speed: USB-C: USB 3.2 Gen2, 10 Gbps; USB-A: USB 3.2 Gen1, 5 Gbps

Convenience
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Input, User, 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: 180 mm
- Pivot: -/+ 90 degree
- Swivel: -/+ 180 degree
- Tilt: -5 ~ 30 degree

Power
- ECO mode: 32.2 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with Zero switch
- On mode: 58.1 W (typ.)
- Standby mode: 0.3 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Packaging in mm (WxHxD): 930 x 563 x 186 mm
- Product without stand (mm): 714 x 422 x 62 mm
- Product with stand(max height): 714 x 649 x 280 mm

Weight
- Product with packaging (kg): 15.09 kg
- Product with stand (kg): 11.78 kg
- Product without stand (kg): 7.77 kg

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

Sustainability
- Environmental and energy: PowerSensor, LightSensor, RoHS
- Post consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free

Compliance and standards
- Regulatory Approvals: CB, CCC, CECP, CEL, CE Mark, FCC Class B, ICES-003, PSB

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

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EAN: 87 12581 79666 2

www.philips.com

* Response time value equal to SmartResponse
* NTSC Area based on CIE1976
* sRGB Area based on CIE1931
* Adobe RGB Coverage based on CIE1976
* 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
* The monitor may look different from feature images.