

PHILIPS

LCD monitor with
USB-C

Monitor

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

Monitor

LCD monitor with USB-C

329P1RN/69

Highlights

USB-C connection

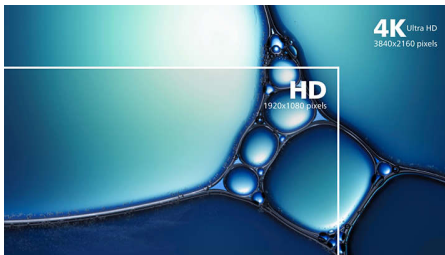


This Philips display features a USB type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB-C allows for easy, one-cable connection. You can watch high resolution video and transfer data at a super-speed, while powering up and re-charging your compatible device at the same time.

Power & re-charge notebook

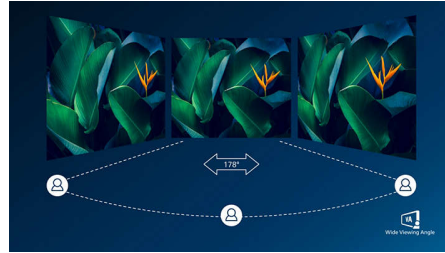
This monitor features a built in USB-C connector which meets USB Power Delivery standard. With intelligent and flexible power management, you can now power up and or re-charge your compatible* Notebook directly from the Monitor using a single USB-C cable.

UltraClear 4K UHD Resolution



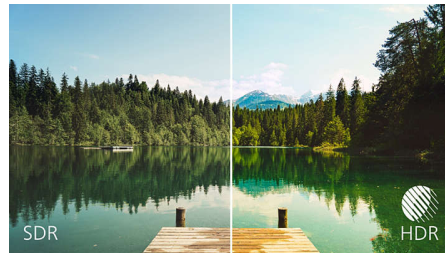
These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips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



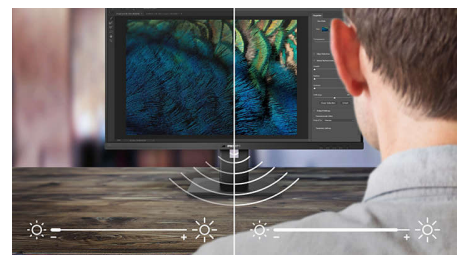
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

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



USB-C

4K

Ultra HD



Wide Viewing Angle



HDR



Flicker-free



LowBlue Mode



PowerSensor



LightSensor

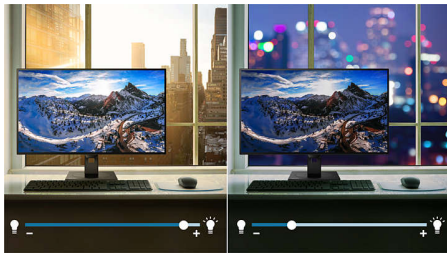
Monitor

LCD monitor with USB-C

329P1RN/69

Highlights

LightSensor



LightSensor uses a smart sensor to adjust the picture brightness depending on the room light conditions for the perfect picture with minimal power usage.

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.

EasyRead mode



EasyRead mode for a paper-like reading experience

Monitor

LCD monitor with USB-C

329P1RN/69

Specifications

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

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

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

