



Philips Brilliance
LCD monitor with USB-C

P Line
25" (63.4 cm)
2560 x 1440 (QHD)

Brilliance

256P1FR

Master every task in a crisp view

This Philips USB-C monitor replace cable clutter, view Crystalclear and lifelike image, recharge a laptop with one USB-C cable. 4-sided narrow border, the foldable PowerSensor design and Daisy chain for the best multiple monitor set-ups.

Single cable USB-C connection

- USB-C enables laptop power charging directly from a monitor
- USB 3.2 high speed data transfer
- Built in RJ-45 ethernet gives data security

Designed for the way you work

- DisplayHDR 400 for more lifelike and outstanding visuals
- DisplayPort connection for maximum visuals
- TUV 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
- EasyRead mode for a paper-like reading experience

Sustainable Eco-design

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



PHILIPS

LCD monitor with USB-C
P Line 25" (63.4 cm), 2560 x 1440 (QHD)

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.

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

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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.

EasyRead mode



EasyRead mode for a paper-like reading experience

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.

Hideaway PowerSensor

PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and then automatically reduces monitor brightness when then user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life. The new Hideaway PowerSensor can be folded out of the way for multiple monitor tiling set-ups.



Specifications

Picture/Display

- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 25 inch / 63.44 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 552.96 (H) x 311.04 (V)
- Aspect ratio: 16:9
- Maximum resolution: 2560 x 1440 @ 75 Hz*
- Pixel Density: 117.49 PPI
- Response time (typical): 4 ms (Gray to Gray)*
- Brightness: 400 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.216 x 0.216 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Color gamut (min.): DCI-P3 93%*
- Color gamut (typical): NTSC 110%*, sRGB 130%*, Adobe RGB 109%*
- HDR: DisplayHDR 400 certified
- Scanning Frequency: HDMI: 30 - 140 kHz (H), DP: 30 - 114 kHz (H) / 48 - 75 Hz (V)
- SmartUniformity: 93 ~ 105%
- Delta E: < 2 (sRGB)
- sRGB
- Flicker-free
- LowBlue Mode
- EasyRead

Connectivity

- Signal Input: DisplayPort 1.4 x 1, HDMI 2.0 x 1, USB-C 3.2 Gen 2 x 1 (upstream, power delivery up to 65W)
- HDCP: HDCP 1.4 (HDMI), HDCP 2.2 (DP)
- HBR3
- Signal Output: DP out x 1
- USB: USB-C x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
- Audio (In/Out): Audio out
- RJ45: Ethernet LAN (10M/100M/1G)*
- Sync Input: Separate Sync

USB

- USB-C: Reversible plug connector
- Super speed: Data and Video transfer
- DP: Built-in Display Port Alt mode
- Power delivery: USB PD version 3.0
- USB-C max. power delivery: Up to 65W (5V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/2A, 20V/3.25A)

Convenience

- Built-in Speakers: 3 W x 2
- 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 10 / 8.1 / 8 / 7

Stand

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

Power

- ECO mode: 17.8 W (typ.)
- On mode: 18.3 W (typ.) (EnergyStar test method)
- Standby mode: 0.3 W
- 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): 568 x 513 x 204 mm
- Product without stand (mm): 568 x 329 x 45 mm
- Packaging in mm (WxHxD): 628 x 420 x 182 mm

Weight

- Product with stand (kg): 6.13 kg
- Product without stand (kg): 4.51 kg
- Product with packaging (kg): 8.11 kg

Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °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: PowerSensor, LightSensor, EnergyStar 8.0, TCO Certified Edge, RoHS
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 85%
- Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards

- Regulatory Approvals: CB, FCC Class B, ICES-003, CE Mark, PSB

Cabinet

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



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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

* BT, 709 / DCI-P3 Coverage based on CIE1976

* NTSC Area based on CIE1976

* sRGB Area based on CIE1931

* Adobe RGB Coverage based on CIE1976

* 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.

* The monitor may look different from feature images.