

Philips Brilliance
LCD monitor with USB-C

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

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

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

Designed for the way you work

- SmartErgoBase enables people-friendly ergonomic adjustments
- DisplayPort connection for maximum visuals
- DisplayHDR 400 for more lifelike and outstanding visuals
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- EasyRead mode for a paper-like reading experience
- TUV Eye Comfort certified to reduce eye fatigue

Sustainable Eco-design

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

PHILIPS

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256P1FR/69

Highlights

USB Type-C connection



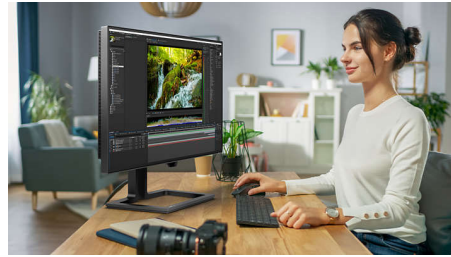
This Philips display features a built-in USB type-C docking station with power delivery. With intelligent and flexible power management, you can power charge your compatible* laptop directly. Its slim, reversible USB-C connector allows for easy, one-cable docking. Simplify by connecting all your peripherals 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.

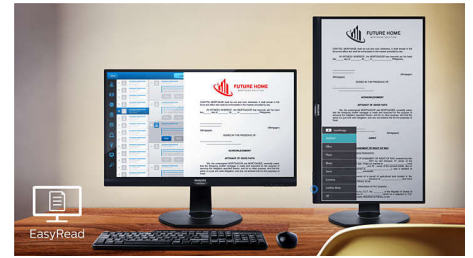
LowBlue Mode



Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue

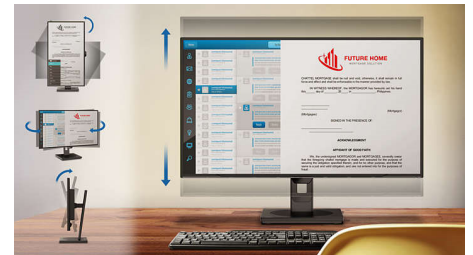
light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

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

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)
- Sync Input: Separate Sync
- Audio (In/Out): Audio out
- RJ45: Ethernet LAN (10M/100M/1G)*
- 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)
- HDCP: HDCP 1.4 (HDMI), HDCP 2.2 (DP)
- HBR3

Picture/Display

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

USB

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

Convenience

- Built-in Speakers: 3 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 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

Stand

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

Power

- ECO mode: 17.8 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with Zero switch
- On mode: 18.3 W (typ.) (EnergyStar test method)
- Standby mode: 0.3 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

- Packaging in mm (WxHxD): 628 x 420 x 182 mm
- Product without stand (mm): 568 x 329 x 45 mm
- Product with stand(max height): 568 x 513 x 204 mm

Weight

- Product with packaging (kg): 8.11 kg
- Product with stand (kg): 6.13 kg
- Product without stand (kg): 4.51 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, EnergyStar 8.0, TCO Certified Edge, RoHS
- Post consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards

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

Cabinet

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



Issue date 2024-03-24

Version: 1.0.1

EAN: 87 12581 77745 6

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or their respective owners.

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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.