



Philips Business Monitor
4K UHD monitor with
USB-C docking

3000 series

27" (68.6 cm)
3840 x 2160 (4K UHD)

27B1U3900

Daily routine simplified

This 27-inch monitor showcases beautiful imagery in 4K resolution and a 1.074 billion color gamut. In addition, its USB-C connection allows you to easily connect peripherals during a busy workday.

Excellent performance

- IPS technology for full colors and wide viewing angles
- SmartImage presets for easy optimized image settings
- UltraClear 4K UHD (3840x2160) resolution for precision
- 1.074 billion colors for smooth color gradations and detail

Designed for the way you work

- Built-in stereo speakers for multimedia
- MultiView 4K for 4 systems on one screen
- SmartErgoBase enables people-friendly ergonomic adjustments
- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- TUV Eye Comfort certified to reduce eye fatigue

PHILIPS

4K UHD monitor with USB-C docking
3000 series 27" (68.6 cm), 3840 x 2160 (4K UHD)

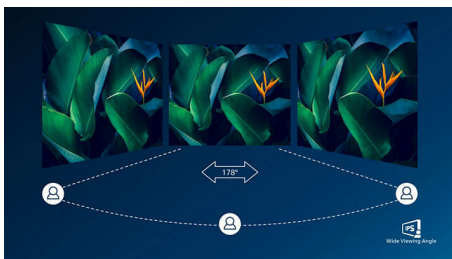
Highlights

USB-C connection



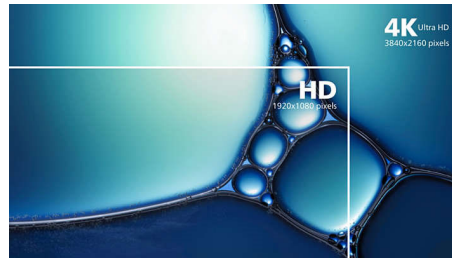
This Philips display features a USB type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB-C allows for easy, one-cable connection. You can watch high resolution video and transfer data at a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

IPS technology



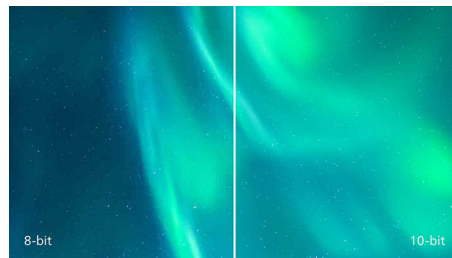
IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

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.

10-bit colors



The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color banding.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office,

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Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

DisplayPort connection



DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).



USB-C



IPS
Wide Viewing
Angle



4K
Ultra HD



SmartImage™



Philips



HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE



Flicker-free



LowBlue Mode



Built-in Speaker

Specifications

Picture/Display

- Panel Size: 27 inch / 68.6 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.1554x0.1554mm
- Optimum resolution: 3840x2160@60Hz
- Brightness: 350 cd/m²
- Display colors: 1.07B (8 bits+FRC)*
- Color gamut (typical): sRGB 99.9%, NTSC 116%*
- 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
- Effective viewing area: 596.736 (H) x 335.664 (V)
- Scanning Frequency: 30k - 140 kHz (H) / 23 - 75 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 163
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- EasyRead

Connectivity

- Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1, USB-C x 1 (upstream, DP Alt mode, Data, PD up to 90W)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Audio out
- RJ45: Ethernet LAN (USB 2.0: 10M/100M; USB 3.2: 1G)
- HDCP: HDCP 1.4 (HDMI / DisplayPort / USB-C), HDCP 2.2 (HDMI / DisplayPort / USB-C)
- HBR3
- USB Hub: USB3.2, Gen1, 5G, Upstream: USB-C x1 (Data); Downstream: USB-A x3 (with x1 fast charge B.C 1.2)

Power Delivery

- Max power delivery: 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: 2W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS, sRGB, Windows 11 / 10
- User convenience: SmartImage, Input, Brightness, 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/PBP mode, 2x devices

Stand

- Height adjustment: 130 mm
- Pivot: -/+90 degree
- Swivel: -/+180 degree
- Tilt: -5/25 degree

Power

- ECO mode: 20.2 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: 0.3W (typ)
- On mode: 25.3W (typ.) (EnergyStar test method)
- Standby mode: 0.3W (typ)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Energy Label Class: F

Dimensions

- Packaging in mm (WxHxD): 730 x 471 x 193 mm
- Product without stand (mm): 613 x 366 x 54 mm
- Product with stand(max height): 613 x 524 x 205 mm

Weight

- Product with packaging (kg): 10.10 kg
- Product with stand (kg): 6.65 kg
- Product without stand (kg): 4.75 kg

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, EPEAT*, RoHS
- Post consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing

Compliance and standards

- Regulatory Approvals: CB, CE Mark, EnergyStar 8.0, ETL, CEC, TUV/GS, TUV Ergo, TCO 10.0, TCO Certified Edge, EAC, EAEU RoHS, UKCA, EMF, FCC, ICES-003

Cabinet

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

What's in the box?

- Cables: HDMI cable, DisplayPort cable, USB-C to C cable, Power cable
- Monitor with stand
- User Documentation



Issue date 2024-10-14

Version: 3.3.0

EAN: 87 21038 00125 9

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* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

* Response time value equal to SmartResponse

* sRGB area based on CIE 1931, NTSC area based on CIE 1976 .

* EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.

* At a maximum resolution of 3840 x 2160, 10 bit color depth can only be reached at 60Hz with a DisplayPort connection. For more information, please check the user manual.

* The products and accessories listed on this leaflet may differ by country and region.

* The monitor may look different from feature images.