

Philips
LCD monitor with USB-C

B Line

27" (68.5 cm)
2560 x 1440 (QHD)

276B9



Simplify your connections

with USB-C

View Quad HD image and re-charge your laptop, all at the same time with a single USB-C cable. SmartErgo base, Flicker-free and LowBlue mode make work easy-on-the eyes.

Excellent performance

- IPS technology for full colors and wide viewing angles
- Crystalclear images with Quad HD 2560 x 1440 pixels

Single cable USB-C connection

- Connect your notebook with one USB-C cable
- Power and re-charge compatible notebook from the monitor
- USB 3.2 high speed data transfer

Designed for the way you work

- SmartErgoBase enables people-friendly ergonomic adjustments
- HDMI ensures universal digital connectivity
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity

Designed for sustainability

- PowerSensor saves up to 80% energy costs
- Designed to meet environmental standards

PHILIPS

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B Line 27" (68.5 cm), 2560 x 1440 (QHD)

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.

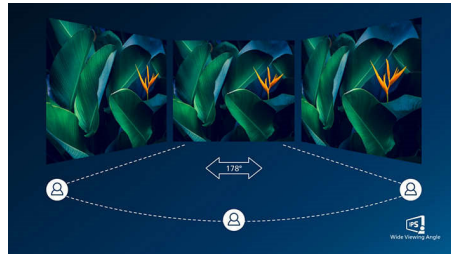
Crystalclear images



These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like USB-C, Displayport, HDMI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets,

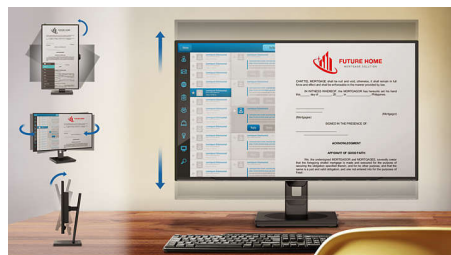
Philips displays will give you Crystalclear images.

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.

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.

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Flicker-free technology



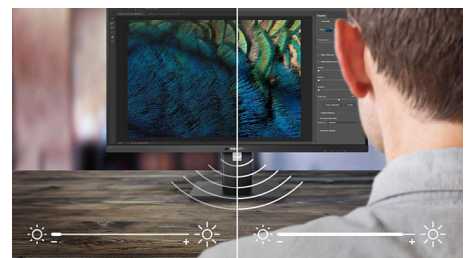
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

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



Quad HD



Wide Viewing Angle



SmartErgo Base



Flicker-free



LowBlue Mode



PowerSensor



HDMI



Wide Viewing Angle



3-sided Frameless

Specifications

Picture/Display

- Panel Size: 27 inch / 68.5 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.2331 x 0.2331 mm
- Brightness: 350 cd/m²
- Display colors: 16.7M
- Color gamut (typical): NTSC 90%*, sRGB 114%*
- 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: 596.74 x 335.66 mm
- Scanning Frequency: 30 - 114 kHz (H) / 48 - 75 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 108.79 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- EasyRead

Connectivity

- Signal Input: DisplayPort 1.2 x 1, HDMI 1.4 x 1, USB-C 3.2 Gen 1 x 1 (upstream, power delivery up to 65W)
- Sync Input: Separate Sync
- Audio (In/Out): Audio out
- USB:: USB-C x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
- HDCP: HDCP 1.4 (DP/HDMI/USB-C)

USB

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

Convenience

- Built-in Speakers: 2 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, 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: 150 mm
- Pivot: -/+ 90 degree
- Swivel: -/+ 175 degree
- Tilt: -5/30 degree

Power

- ECO mode: 19.7 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with Zero switch
- On mode: 18.6 W (typ.) (EnergyStar test method)
- Standby mode: 0.3 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

- Packaging in mm (WxHxD): 780 X 525 X188 mm
- Product without stand (mm): 614 x 372 x 61 mm
- Product with stand(max height): 614 x 558 x 263 mm

Weight

- Product with packaging (kg): 11.73 kg
- Product with stand (kg): 8.15 kg
- Product without stand (kg): 5.40 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, EnergyStar 8.0, EPEAT*, TCO Certified Edge, RoHS
- Post consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free

Compliance and standards

- Regulatory Approvals: EPA, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, PSB, FCC Class B, ICES-003, CE Mark, UKRAINIAN

Cabinet

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



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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

* NTSC Area based on CIE1976

* sRGB Area based on CIE1931

* 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

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

* The monitor may look different from feature images.