



Philips
LCD monitor with USB-C

E Line

24 (23.8" / 60.5 cm diag.)
2560 x 1440 (QHD)

246E1EW

Simply stunning

This new Philips E line USB-C monitor offers both aesthetic and functional. You can magnify your screen to enjoy Crystalclear Quad HD videos, and also power charge your smartphone, all with a single USB-C cable.

Features designed for you

- HDMI ensures universal digital connectivity
- EasyRead mode for a paper-like reading experience
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity

Single cable USB-C connection

- Magnify screen and recharge a device by one cable

Superb Picture Quality

- SmartContrast for rich black details
- IPS LED wide view technology for image and color accuracy
- Crystalclear images with Quad HD 2560 x 1440 pixels
- SmartImage game mode optimized for gamers
- Effortlessly smooth gameplay with AMD FreeSync™ technology

PHILIPS

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E Line 24 (23.8" / 60.5 cm diag.), 2560 x 1440 (QHD)

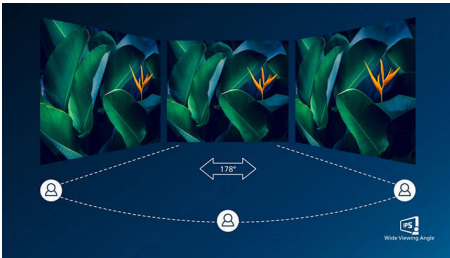
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Highlights

USB-C connectivity

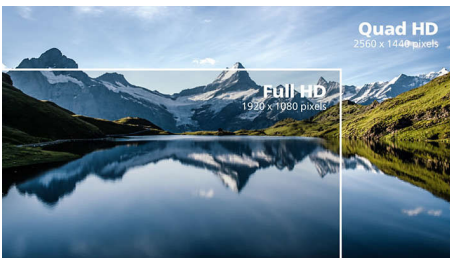
This Philips monitor features a built-in USB-C connector which meets USB Power Delivery standard. With intelligent and flexible power management, you can power charge your compatible device directly from the monitor using a single USB-C cable. Its slim, reversible USB-C allows for easy connection, you can watch high resolution video from your laptop.

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. 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.

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

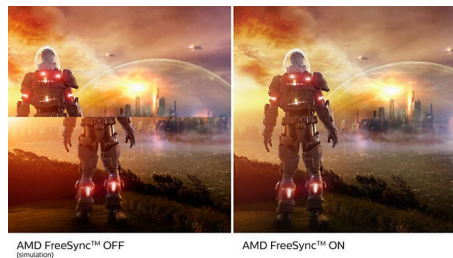
bandwidth sources like USB-C, Displayport, HDMI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

Ultra-smooth gaming



Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid,

artifact-free performance at virtually any framerate with AMD FreeSync™ technology, smooth quick refresh and ultra-fast response time.

SmartImage Game mode



The new Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

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.



Specifications

Connectivity

- Signal Input: HDMI 1.4, DisplayPort 1.2, USB-C (DP alt mode, PD 15 W)
- Sync Input: Separate Sync
- Audio (In/Out): Audio out

Picture/Display

- Panel Size: 23.8 inch / 60.5 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.206 x 0.206 mm
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Color gamut (typical): NTSC 100%*, sRGB 117%*
- Contrast ratio (typical): 1000:1
- SmartContrast: Mega Infinity DCR
- Response time (typical): 4 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- Maximum resolution: 2560 x 1440 @ 75 Hz*
- Effective viewing area: 526.9 (H) x 296.4 (V)
- Scanning Frequency: 30 - 114 kHz (H) / 48 - 75 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 123.41 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- EasyRead
- AMD FreeSync™ technology

Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: Power On/Off, Menu, Brightness, Input, SmartImage Game
- 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)

Stand

- Height adjustment: 100 mm
- Tilt: -5/20 degree

Power

- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: 0.3 W (typ.)
- On mode: 28 W (typ.)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

- Packaging in mm (WxHxD): 590 x 571 x 196 mm
- Product without stand (mm): 540 x 325 x 43 mm
- Product with stand(max height): 540 x 498 x 187 mm

Weight

- Product with packaging (kg): 6.61 kg
- Product with stand (kg): 4.26 kg
- Product without stand (kg): 2.73 kg

Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0 to 40 °C
- MTBF: 50,000 hrs (excluding backlight) hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20 to 60 °C

Sustainability

- Environmental and energy: RoHS, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: CB, CE Mark, PSB

Cabinet

- Color: White
- Finish: Textured



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EAN: 87 12581 78551 2

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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

* NTSC Area based on CIE1976

* sRGB Area based on CIE1931

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* The monitor may look different from feature images.