Philips
LCD monitor

E Line
24 (23.6" / 59.9 cm diag.)
1920 x 1080 (Full HD)

243E9QHSW

Vivid and crisp details, design beyond boundaries

This stylish brilliance monitor gives the best viewing beyond boundaries. Wide-view display allows you to enjoy the same crisp and vivid picture quality from any front angle view. Flicker-free reduces eye fatigue after long use.

Features designed for you
- HDMI ensures universal digital connectivity
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- Narrow border display for a seamless appearance

Greener everyday
- Mercury Free eco-friendly display
- Low power consumption saves energy bills
- Eco-friendly materials meet major international standards
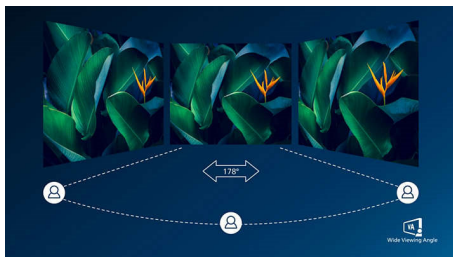
Vivid pictures every time
- 16:9 Full HD display for crisp detailed images
- VA display delivers awesome images with wide viewing angles
- Effortlessly smooth gameplay with AMD FreeSync™ technology
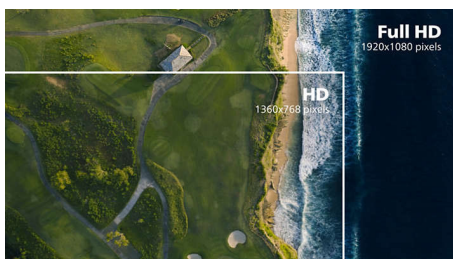
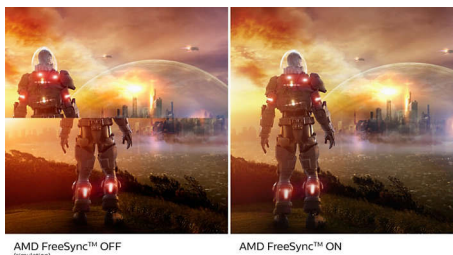**PHILIPS**

Highlights

VA display

Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

16:9 Full HD display

Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

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.

UltraNarrow Border

The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

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.

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).

Eco-friendly materials

"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely.

Low power consumption

Low power consumption saves energy bills

Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

Specifications

Picture/Display
- Panel Size: 23.6 inch / 59.9 cm
- Aspect ratio: 16:9
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.272 x 0.272 mm
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 3000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 7 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- Maximum resolution: 1920 x 1080 @ 75 Hz*
- Effective viewing area: 521.28 (H) x 293.22 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 50 - 76 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 93 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- AMD FreeSync™ technology

Connectivity
- Signal Input: VGA (Analog), HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI audio out

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 (75x75mm)

Stand
- Tilt: -5/20 degree

Power
- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: < 0.3 W (typ.)
- On mode: 13.96 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: < 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Product with stand (mm): 540 x 413 x 190 mm
- Packaging in mm (WxHxD): 586 x 475 x 139 mm
- Product without stand (mm): 540 x 324 x 38 mm

Weight
- Product with packaging (kg): 4.53 kg
- Product with stand (kg): 3.12 kg
- Product without stand (kg): 2.47 kg

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

Sustainability
- Environmental and energy: EnergyStar 7.0, RoHS, Mercury Free, WEEE
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: TUV/ISO9241-307, CECP, CU-EAC, BSMI

Cabinet
- Color: White / Silver
- Finish: Glossy

* The maximum resolution works for HDMI input only.
* Response time value equal to SmartResponse
* 2020 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, AMD FreeSync™ and combinations thereof are trademarks of Advanced Micro Devices, Inc. Other product names used in this publication are for identification purposes only and may be trademarks of their respective companies.
* The monitor may look different from feature images.