PHILIPS

Stunning color, stylish design

The Philips E line monitor features stylish design with extraordinary picture performance. A narrow border Full HD display with Ultra Wide-Color brings you to real true-to-life visuals. Enjoy superior viewing in a stylish design.

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
- Low power consumption saves energy bills
- Eco-friendly materials meet major international standards

Superb Picture Quality
- 16:9 Full HD display for crisp detailed images
- IPS LED wide view technology for image and color accuracy
- Ultra Wide-Color wider range of colors for a vivid picture
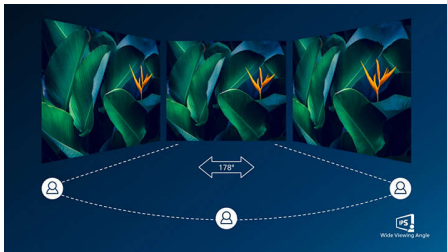- Effortlessly smooth gameplay with AMD FreeSync™ technology
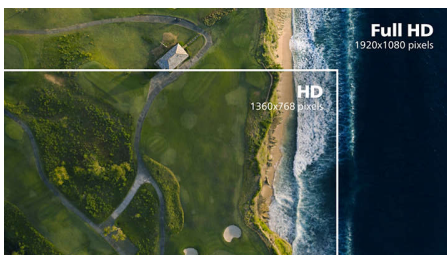
Highlights

Ultra Wide-Color Technology

Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

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.
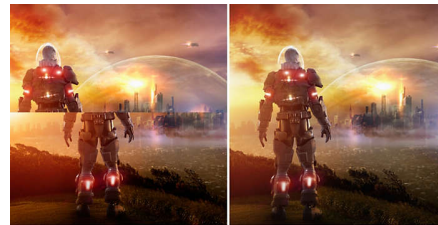
16:9 Full HD display

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

AMD FreeSync™ OFF (simulation)   AMD FreeSync™ ON

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

Without Low blue mode   With Low blue 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.

Ultra Wide Color   Wide Viewing Angle   Full HD 1080p   AMD FreeSync   Ultra Narrow Bezel   Flicker-free   LowBlue Mode   HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

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: 0.311 x 0.311 mm
Brightness: 250 cd/m²
Display colors: 16.7 M
Color gamut (typical): NTSC 93%*, sRGB 124%*
Contrast ratio (typical): 1000:1
SmartContrast: 20,000,000:1
Response time (typical): 5 ms (Gray to Gray)*
Viewing angle: 178º (H) / 178º (V), @ C/R > 10
Picture enhancement: SmartImage game
Maximum resolution: 1920 x 1080 @ 75 Hz*
Effective viewing area: 597.9 (H) x 336.3 (V)
Scanning Frequency: 38 - 89 kHz (H) / 50 - 75 Hz (V)
sRGB
Flicker-free
Pixel Density: 82 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 (100x100mm)

Stand

Tilt: -5/20 degree

Power

Power supply: External, 100-240VAC, 50-60Hz
Off mode: 0.5 W (typ.)
On mode: 15.5 W (typ.) (EnergyStar test method)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Product with stand (mm): 614 x 465 x 220 mm
Packaging in mm (WxHxD): 660 x 514 x 155 mm
Product without stand (mm): 614 x 367 x 40 mm

Weight

Product with packaging (kg): 5.84 kg
Product with stand (kg): 3.90 kg
Product without stand (kg): 3.24 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 (excluding backlight) hour(s)
Relative humidity: 20%-80 %
Temperature range (storage): -20 to 60 °C

Sustainability

Environmental and energy: EnergyStar 8.0, RoHS, Mercury Free
Recyclable packaging material: 100 %

Compliance and standards

Regulatory Approvals: CCC, WEEE, CECP, CE Mark

Cabinet

Color: White / Silver
Finish: Glossy

---

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* 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.
* NTSC Area based on CIE1976
* sRGB Area based on CIE1931
* The monitor may look different from feature images.

Issue date 2025-01-08
Version: 2.0.1

EAN: 87 12581 76288 9

www.philips.com

PHILIPS