PHILIPS

QHD LCD monitor

E Line

27" (68.6 cm)

2560 x 1440 (QHD)

275E2FAE

Experience true colour, unconstrained visuals

The new Philips E line monitor with 4 sides, narrow border and cable management design offers a stylish enhancement to your workspace. Experience crystal-clear Quad HD visuals, 1 ms and AMD FreeSync™ technology for a smooth gaming action.

Features designed for you

- EasySelect menu toggle key for quick on-screen menu access
- Built-in stereo speakers for multimedia
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- Tilt and height-adjust for an ideal viewing position
- Cable management reduces cable clutter for a neat workspace

Good for Gaming

- 1 ms (MPRT) fast response for crisp images and smooth gameplay
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- SmartImage game mode optimised for gamers

Superb Picture Quality

- SmartContrast for rich black details
- IPS LED wide view technology for image and colour accuracy
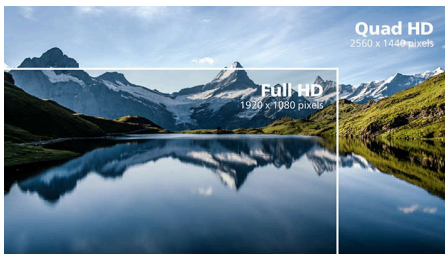- Crystal clear images with Quad HD 2560 x 1440 pixels
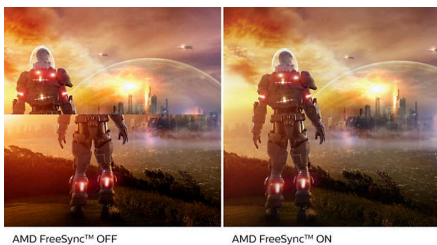
Highlights

4-sided frameless

Extremely minimising 4 sided bezels on this virtually frameless display give a minimalist look and offer an expansive viewing experience. Expands your productivity and makes you focus on the vivid images with seamless visions. Significant wide view without distraction and even multi monitor set-up in pivot mode.

CrystalClear images

These Philips screens deliver CrystalClear, Quad HD 2560 x 1440 or 2560 x 1080 pixel images. Utilising high performance panels with a high-density pixel count enabled by high bandwidth sources, these new displays will make your images and graphics come alive. Whether you are a 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.

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

1 ms MPRT fast response

MPRT (motion picture response time) is a more intuitive way to describe response time, which directly refers to the duration between seeing blurry noise and clean, crisp images. The Philips monitor with 1 ms MPRT effectively eliminates smearing and motion blur and delivers sharper and more precise visuals to enhance your gaming experience. The best choice for playing thrilling and twitch-sensitive games.

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 the display with the fastest response time and high colour, along with image adjustments. "RTS" mode (Real-time strategy) has a special SmartFrame mode that enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customised settings based on different games, ensuring best performance.
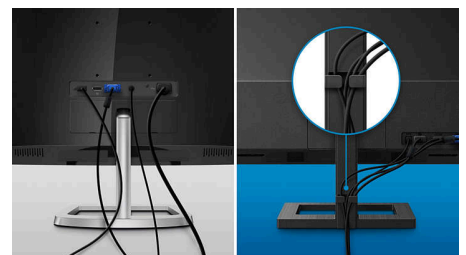
Flicker-Free technology

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.

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, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

Cable management

Cable management is an intimate design that maintains a tidy workspace by organising the cables and wires required for the operation of a display device.
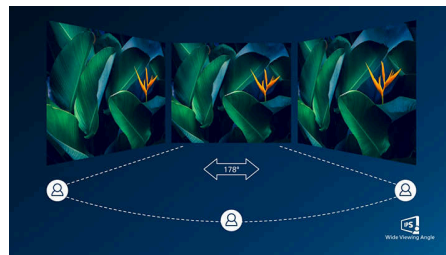
Highlights

EasySelect Menu Toggle Key

The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

Built-in stereo speakers

A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

IPS technology

IPS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays give you remarkably crisp images with vivid colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

SmartContrast

SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours 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.

4-sided Frameless

Quad HD

AMD FreeSync

1ms Fast Response 1ms MPRT

SmartImage Game

Flicker-free

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: 0.2331 x 0.2331 mm

Brightness: 350 cd/m²

Display colours: 16.7 M

Colour gamut (typical): NTSC 101.6%*, sRGB 115.6%*

Contrast ratio (typical): 1000:1

SmartContrast: Mega Infinity DCR

Response time (typical): 4 ms (Grey to Grey)*

Viewing angle: 178º (H)/178º (V), @ C/R > 10

Picture enhancement: SmartImage game

Maximum resolution: 2560 x 1440 @ 75 Hz*

Effective viewing area: 596.74 (H) x 335.66 (V) mm

Scanning Frequency: 30–144 kHz (H)/48–75 Hz (V)

sRGB

Flicker-free

Pixel Density: 109 PPI

LowBlue Mode

Display Screen Coating: Anti-Glare, 3H, Haze 25%

MPRT: 1 ms

EasyRead

AMD FreeSync™ technology

Connectivity

Signal Input: DisplayPort x 1, HDMI x 2

Sync Input: Separate Sync

Audio (In/Out): Audio out

Convenience

Built-in Speakers: 3 W x 2

Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

User convenience: Power On/Off, Menu, Volume, 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 (100 x 100 mm)

Stand

Height adjustment: 100 mm

Tilt: -5/20 degree

Power

Power supply: External, 100–240 VAC, 50–60 Hz

Off mode: 0.3 W (typ.)

On mode: 18.55 W (typ.) (EnergyStar test method)

Standby mode: 0.5 W (typ.)

Power LED indicator: Operation - White, Standby mode - White (flashing)

Energy Label Class: F

Dimensions

Packaging in mm (W x H x D): 678 x 504 x 153 mm

Product without stand (mm): 614 x 354 x 38 mm

Product with stand (max height): 614 x 475 x 234 mm

Weight

Product with packaging (kg): 7.59 kg

Product with stand (kg): 5.23 kg

Product without stand (kg): 3.43 kg

Operating conditions

Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)

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: EnergyStar 8.0, TCO Certified, RoHS, Mercury Free

Recyclable packaging material: 100 %

Compliance and standards

Regulatory Approvals: EPA, CB, TUV/ISO9241-307, TUV-BAUART, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003

Cabinet

Colour: Black

Finish: Textured

What's in the box?

Cables: HDMI cable, Power cable

Monitor with stand

User Documentation

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* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* The maximum resolution works for either HDMI input or DP input.
* NTSC Area based on CIE 1976
* sRGB Area based on CIE1931
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* The monitor may look different from feature images.