

Philips  
4K Ultra HD LCD monitor

**E Line**  
28" (71.1 cm)  
3840 x 2160 (4K UHD)

**288E2A**



## Experience true colour, unconstrained visuals

The Philips E Line monitor features stunning visuals and stylish design for your workspace. Ultra-clear 4K UHD and Ultra Wide-Color deliver ultimate clarity and life-like visuals. MultiView meets the need for usability and productivity.

### Superb Picture Quality

- UltraClear 4K UHD (3840 x 2160) resolution for precision
- Ultra Wide-Color wider range of colours for a vivid picture
- 1.07 billion colours for stunning colour and the finest gradation
- IPS LED wide view technology for image and colour accuracy
- SmartContrast for rich black details

### Good for Gaming

- Effortlessly smooth gameplay with AMD FreeSync™ technology
- SmartImage game mode optimised for gamers

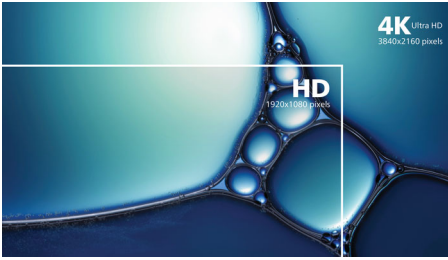
### Features designed for you

- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- MultiView enables simultaneous dual connection and view
- Cable management reduces cable clutter for a neat workspace
- EasySelect menu toggle key for quick on-screen menu access

**PHILIPS**

# Highlights

## UltraClear 4K UHD Resolution



These Philips displays utilise high-performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are a demanding professional requiring extremely detailed images for CAD solutions, a user of 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

## Ultra Wide-Color Technology



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

### 1.07 billion colours

This display delivers outstanding colour depth with 1.07 billion colours and the finest gradation for recreating smooth, precise and vivid images. Enjoy accurate and true-to-life visuals whether gaming, watching videos or

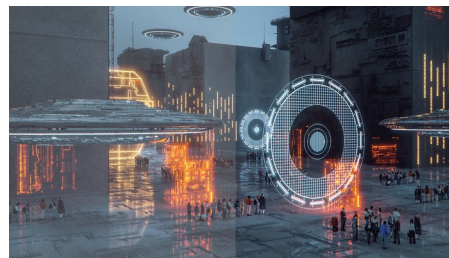
working on colour-critical work with graphics applications.

## 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.

## 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.

## MultiView technology

With the ultra-high resolution Philips MultiView display, you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multitasking.



# Specifications

## Picture/Display

- LCD panel type: IPS technology
- AMD FreeSync™ technology
- Backlight type: W-LED system
- Panel Size: 28 inch/71.1 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 620.93 (H) x 341.28 (V)
- Aspect ratio: 16:9
- Maximum resolution: 3840 x 2160 @ 60 Hz\*
- Pixel Density: 157 PPI
- Response time (typical): 4 ms (Grey to Grey)\*
- Brightness: 300 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- SmartContrast: Mega Infinity DCR
- Pixel pitch: 0.16 x 0.16 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- Colour gamut (typical): NTSC 106.9%\*, sRGB 119.7%\*
- Display colours: Colour support 1.07 billion colours
- Scanning Frequency: 30-140 kHz (H)/40-60 Hz (V)
- SmartUniformity: 93 ~ 105%
- Delta E: < 2 (sRGB)
- Flicker-free
- LowBlue Mode
- EasyRead
- sRGB

## Connectivity

- Signal Input: DisplayPort x 1, HDMI x 2
- Sync Input: Separate Sync
- Audio (In/Out): PC audio-in, Headphone out

## Convenience

- Built-in Speakers: 3 W x 2
- MultiView: PIP/PBP mode, 2 x devices
- 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)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

## Stand

- Tilt: -5/20 degree

## Power

- On mode: 27.6 W (typ.) (EnergyStar test method)
- Standby mode: 0.5 W
- Off mode: 0.3 W
- Energy Label Class: G
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: External, 100–240 VAC, 50–60 Hz

## Dimensions

- Product with stand (max height): 637 x 480 x 224 mm
- Product without stand (mm): 637 x 367 x 41 mm
- Packaging in mm (W x H x D): 730 x 522 x 159 mm

## Weight

- Product with stand (kg): 5.59 kg
- Product without stand (kg): 4.28 kg
- Product with packaging (kg): 8.25 kg

## Operating conditions

- Temperature range (operation): 0 to 40 °C
- Temperature range (storage): -20 to 60 °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 50,000 hrs (excluding backlight) hour(s)

## Sustainability

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

## Compliance and standards

- Regulatory Approvals: CB, EPA, TUV/ISO9241-307, TUV-BAUART, CU-EAC, EAEU RoHS, UKRAINIAN, BSMI, MEPS, VCCI

## Cabinet

- Colour: Black
- Finish: Textured

## What's in the box?

- Monitor with stand
- Cables: HDMI cable, Power cable
- User Documentation



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Version: 3.6.2

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EAN: 87 12581 76756 3

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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.  
\* Response time value equal to SmartResponse  
\* NTSC Area based on CIE 1976  
\* sRGB Area based on CIE1931  
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\* The monitor may look different from feature images.