PHILIPS

4K Ultra HD LCD monitor

Monitor

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

288E2UAE

Experience true colour, unconstrained visuals

This Philips 4K UHD monitor features stunning, ultra-clear visuals and stylish design for your workspace. Equipped with USB 3.2 for SuperSpeed data transfer and fast charging, and MultiView meets the need for usability and productivity.

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
- MultiView enables simultaneous dual connection and view
- Cable management reduces cable clutter for a neat workspace

Good for Gaming

- 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
- UltraClear 4K UHD (3840 x 2160) resolution for precision
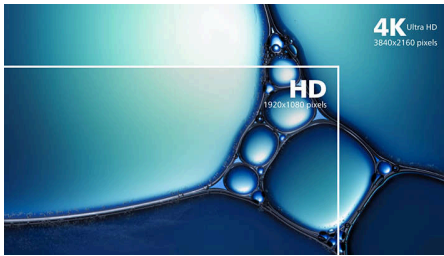- Ultra Wide-Color wider range of colours for a vivid picture
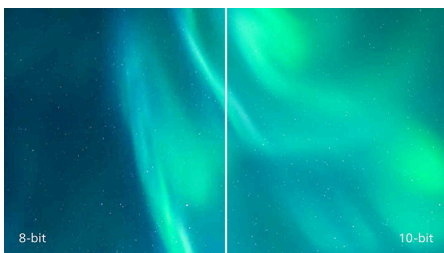
Highlights

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.
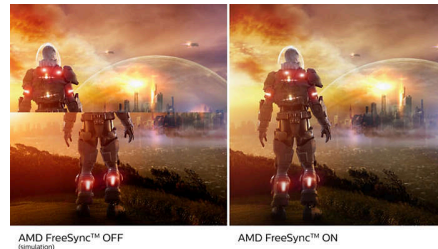
Ultra Wide-Color Technology

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
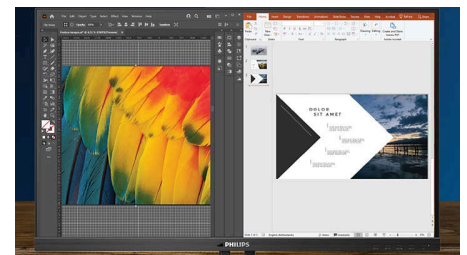
Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

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.

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
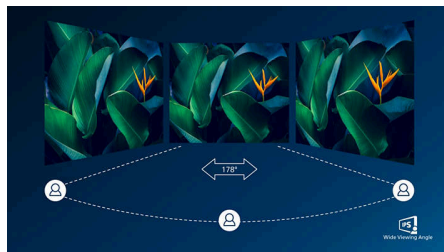

The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

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.

4K Ultra HD   Ultra Wide Color   AMD FreeSync   SmartImage™ Game   Flicker-free   LowBlue Mode

Monitor

4K Ultra HD LCD monitor

288E2UAE/01

Specifications

Picture/Display

Panel Size: 28 inch/71.1 cm
Aspect ratio: 16:9
LCD panel type: IPS technology
Backlight type: W-LED system
Pixel pitch: 0.16 x 0.16 mm
Brightness: 300 cd/m²
Display colours: Colour support 1.07 billion colours
Colour gamut (typical): NTSC 106.9%*, sRGB 119.7%*
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: 3840 x 2160 @ 60 Hz
Effective viewing area: 620.93 (H) x 341.28 (V)
Scanning Frequency: 30-140 kHz (H)/40-60 Hz (V)
sRGB
Delta E: < 2 (sRGB)
Flicker-free
Pixel Density: 157 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
SmartUniformity: 93 ~ 105%
EasyRead
AMD FreeSync™ technology

Connectivity

Signal Input: DisplayPort x 1, HDMI (digital, HDCP)
Sync Input: Separate Sync
Audio (In/Out): Audio out
USB:: USB 3.2 x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)

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)
MultiView: PIP/PBP mode, 2 x devices

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: 27.6 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): 730 x 522 x 159 mm
Product without stand (mm): 637 x 367 x 41 mm
Product with stand (max height): 637 x 494 x 224 mm

Weight

Product with packaging (kg): 8.75 kg
Product with stand (kg): 6.09 kg
Product without stand (kg): 4.27 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
Recyclable packaging material: 100 %
Specific Substances: Mercury free, PVC/BFR free housing

Compliance and standards

Regulatory Approvals: UKRAINIAN, cETLus, CB, TUV/GS, TUV Ergo, CU-EAC, EAEU RoHS, CE Mark

Cabinet

Colour: Black
Finish: Textured

What's in the box?

Cables: DP cable, 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.
* 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.