Philips
QHD LCD Monitor with
Ultra Wide-Color

E Line
27" (68.6 cm)
2560 x 1440 (QHD)

276E8FJAB

Vivid colors in an elegant design

Colors like you've never seen before. This brilliant wide view Quad HD display with Ultra Wide-Color offers crisp images with the richest and most vivid colors on an elegant display for a your best creations yet.

Superb Picture Quality

- Ultra Wide-Color wider range of colors for a vivid picture
- IPS LED wide view technology for image and color accuracy
- Crystalclear images with Quad HD 2560 x 1440 pixels
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- LowBlue Mode for easy on-the-eyes productivity
- Less eye fatigue with Flicker-free technology
- SmartImage Lite for easy optimized image settings

Elegant Design

- Narrow border display for seamless appearance
- Elegant, slim design complements your home decor

Features designed for you

- Built-in stereo speakers for multimedia
- HDMI-ready for Full HD entertainment
- DisplayPort connection for maximum visuals
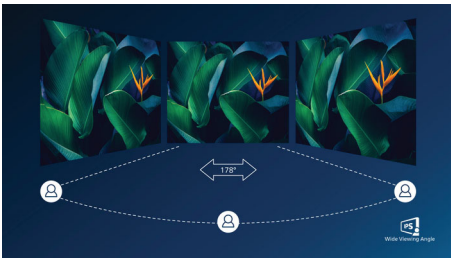
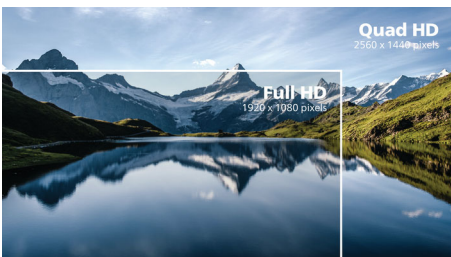**PHILIPS**

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.
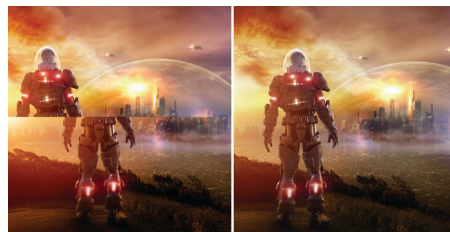
Crystalclear images

These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel

images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like USB-C, Displayport, HDMI, these new displays will make your images and graphics come alive. Whether you are 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

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.

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.

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.

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.

Built-in stereo speakers

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

Ultra Wide Color   Wide Viewing Angle   Quad HD   AMD FreeSync   LowBlue Mode   Flicker-free   EasySelect   Ultra Narrow Bezel   Built-in Speaker

Specifications

Picture/Display
- LCD panel type: IPS technology
- AMD FreeSync™ technology
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.6 cm
- Effective viewing area: 596.74 (H) x 335.66 (V)
- Aspect ratio: 16:9
- Optimum resolution: 2560 x 1440 @ 60Hz
- Pixel Density: 109 PPI
- Response time (typical): 4 ms (Gray to Gray)*
- Brightness: 350 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.233 x 0.233 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage Lite
- Color gamut (typical): NTSC 114%*, sRGB 132%*
- Display colors: 16.7 M
- Scanning Frequency: 54 - 84 kHz (H) / 46 - 75 Hz (V)
- LowBlue Mode
- sRGB

Connectivity
- Signal Input: VGA (Analog), DisplayPort 1.2, HDMI 1.4
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Convenience
- Built-in Speakers: 3 W x 2
- User convenience: Power On/Off, Menu, Volume, Input, SmartImage lite
- 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
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand
- Tilt: -5/20 degree

Power
- On mode: 22.93 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: External, 100-240VAC, 50-60Hz

Dimensions
- Product with stand (mm): 613 x 466 x 189 mm
- Product without stand (mm): 613 x 374 x 41 mm
- Packaging in mm (WxHxD): 660 x 523 x 135 mm

Weight
- Product with stand (kg): 4.69 kg
- Product without stand (kg): 4.07 kg
- Product with packaging (kg): 6.58 kg

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

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

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, TCO Certified, WEEE, CECP, CU, EPA, RCM

Cabinet
- Color: Black & Gunmetal
- Finish: Glossy

What's in the box?
- Monitor with stand
- Cables: D-Sub cable, HDMI cable, Audio cable, Power cable
- User Documentation

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* Response time value equal to SmartResponse
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* NTSC Area based on CIE1976
* sRGB Area based on CIE1931