Philips
Curved LCD monitor with
Ultra Wide-Color

E Line
32 (31.5" / 80 cm diag.)
Full HD (1920 x 1080)

328E8QJAB5

Ultra-curved, ultra-colorful

Colors like you've never seen before. This brilliant wide-view curved Full HD display with an ultra-wide color range, offers fast action with true-to-life colors for a completely immersive experience.

Curved design inspired by the world around us

- Curved display design for more immersive experience

Superb Picture Quality

- Ultra Wide-Color wider range of colors for a vivid picture
- VA display gives awesome images with wide viewing angle
- 16:9 Full HD display for crisp detailed images
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- Less eye fatigue with Flicker-free technology
- SmartImage game mode optimized for gamers
- SmartContrast for deep black level details

Features designed for you

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

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Highlights

Curved display design

Desktop monitors offer a personal user experience, which suits a curve design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the center of your desk.

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.

VA display
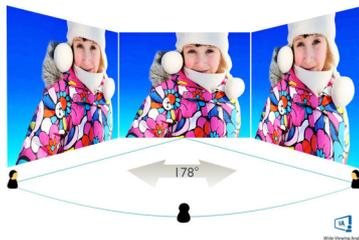
Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp 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.

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.

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.

SmartImage Game mode

Without SmartImage^GAME   With SmartImage^GAME
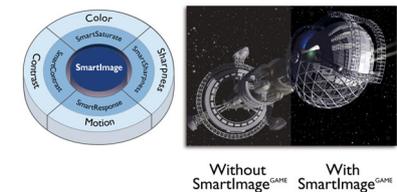
The new Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

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.

CurvedDisplay   Ultra Wide-Color   Wide Viewing Angle   AMD FREESYNC TECHNOLOGY   Flicker-free   SmartImage Game   Slim   Built-in speakers   SmartConnect

Specifications

Picture/Display
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 31.5 inch / 80 cm
- Effective viewing area: 698.11 (H) x 392.69 (V) - at a 1800R curvature*
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 5 ms (Gray to Gray)*
- Pixel Density: 70 PPI
- Brightness: 250 cd/m²
- Contrast ratio (typical): 3000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.364 x 0.364 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage game
- Color gamut (typical): NTSC 103%*, sRGB 126%*
- Display colors: 16.7 M
- Scanning Frequency: 54 - 84 kHz (H) / 49 - 72 Hz (V)
- sRGB
- Freesync

Connectivity
- Signal Input: VGA (Analog), DisplayPort, HDMI (digital, HDCP)
- 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 Game/Return
- 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, Ukranian
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand
- Tilt: -5/10 degree

Power
- On mode: 43.82 W (typ.)
- 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): 721 x 525 x 223 mm
- Product without stand (mm): 721 x 434 x 76 mm
- Packaging in mm (WxHxD): 836 x 648 x 186 mm

Weight
- Product with stand (kg): 7.20 kg
- Product without stand (kg): 6.90 kg
- Product with packaging (kg): 10.11 kg

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

Sustainability
- Environmental and energy: RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, CU-EAC, TUV/ISO9241-307, VCCI, RCM, CECP, BSMI, WEEE

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

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