Philips
Full HD LCD monitor

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

327E8QJAB

Expand your experience

Expand your viewing experience with this large Philips display. This wide-view 32" Full HD display delivers an expansive viewing experience with crisp picture details.

Features designed for you
- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- Built-in stereo speakers for multimedia
- Less eye fatigue with Flicker-Free technology

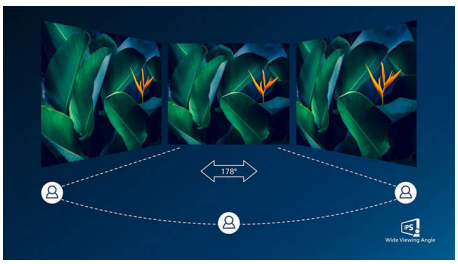
Greener every day
- Mercury Free eco-friendly display
- Eco-friendly materials meet major international standards

Superb Picture Quality
- SmartContrast for rich black details
- 16:9 Full HD display for crisp, detailed images
- IPS LED wide view technology for image and colour accuracy
- Expansive 31.5-inch brilliant display
- SmartImage game mode optimised for gamers
- Effortlessly smooth gameplay with AMD FreeSync™ technology

PHILIPS

Highlights

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.

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, artefact-free performance at virtually any frame rate 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 colours, expect a true-to-life picture.

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.

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.

HDMI Ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

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.

Wide Viewing Angle · AMD FreeSync · Full HD 1080p · SmartImage Game · Flicker-free · HDMI · Built-in Speaker · Hg Free · Wide Viewing Angle

Full HD LCD monitor
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327E8QJAB/01

Specifications

Connectivity
- Signal Input: VGA (Analogue), DisplayPort x 1, HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display
- Panel Size: 31.5 inch/80 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.364 x 0.364 mm
- Optimum resolution: 1920 x 1080 @ 75 Hz
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1200:1
- SmartContrast: Mega Infinity DCR
- Response time (typical): 4 ms (Grey to Grey)*
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- Effective viewing area: 698.4 (H) x 392.9 (V)
- Scanning Frequency: 54–84 kHz (H)/47–78 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 70 PPI
- Display Screen Coating: Anti-Glare, 3H, Haze 1%
- AMD FreeSync™ technology: AMD FreeSync™ technology

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 (75 x 75 mm)

Stand
- Tilt: -5/20 degree

Power
- Power supply: Internal, 100–240 VAC, 50–60 Hz
- Off mode: < 0.3 W (typ.)
- On mode: 40.8 W (typ.)
- Standby mode: < 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Energy Label Class: F

Dimensions
- Product with stand (mm): 731 x 529 x 255 mm
- Packaging in mm (W x H x D): 815 x 615 x 224 mm
- Product without stand (mm): 731 x 434 x 63 mm

Weight
- Product with packaging (kg): 10.01 kg
- Product with stand (kg): 6.88 kg
- Product without stand (kg): 5.92 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: RoHS, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, MEPS, RCM, UKRAINIAN, VCCI, CU-EAC, TUV/ ISO9241-307

Cabinet
- Colour: Black
- Finish: Glossy

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

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Version: 5.0.1

EAN: 87 12581 76043 4

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* Response time value equal to SmartResponse
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* The monitor may look different from feature images.