



Full HD LCD monitor

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

327E8QJAB/89

Expand your experience

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

Benefits

Superb Picture Quality

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

Features designed for you

- Less eye fatigue with Flicker-free technology

- HDMI ensures universal digital connectivity
- Built-in stereo speakers for multimedia
- DisplayPort connection for maximum visuals

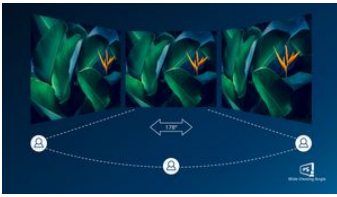
Greener everyday

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

PHILIPS

Features

IPS technology



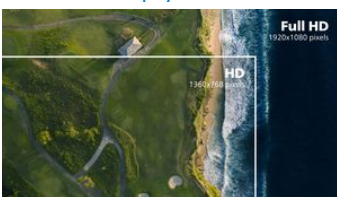
IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

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, artifact-free performance at virtually any framerate with AMD FreeSync™ technology, smooth quick refresh and ultra-fast response time.

16:9 Full HD display



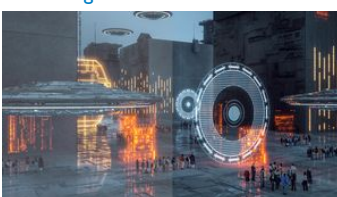
Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors 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 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.

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. A HDMI cable enables high-quality digital video and audio all 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. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

DisplayPort connection



DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

Eco-friendly materials

"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65%

post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely.

Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

Specifications

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Picture/Display

| | |
|--------------------------|-----------------------------------|
| LCD panel type | IPS technology |
| Backlight type | W-LED system |
| Panel Size | 31.5 inch / 80 cm |
| Display Screen Coating | Anti-Glare, 3H, Haze 1% |
| Effective viewing area | 698.4 (H) x 392.9 (V) |
| Aspect ratio | 16:9 |
| Optimum resolution | 1920 x 1080 @ 75 Hz |
| Response time (typical) | 4 ms (Gray to Gray)* |
| Pixel Density | 70 PPI |
| Brightness | 250 cd/m ² |
| Contrast ratio (typical) | 1200:1 |
| SmartContrast | Mega Infinity DCR |
| Pixel pitch | 0.364 x 0.364 mm |
| Viewing angle | 178° (H) / 178° (V) @ C/R > 10 |
| Flicker-free | Yes |
| Picture enhancement | SmartImage game |
| Display colors | 16.7 M |
| Scanning Frequency sRGB | 54 - 84 kHz (H) / 47 - 78 Hz (V) |
| AMD FreeSync™ technology | Yes AMD FreeSync™ technology |

Connectivity

| | |
|----------------|--|
| Signal Input | VGA (Analog) DisplayPort x 1 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 |
| 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 (75x75mm) |
| Plug & Play Compatibility | DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7 |

Stand

| | |
|------|--------------|
| Tilt | -5/20 degree |
|------|--------------|

Power

| | |
|---------------------|---|
| On mode | 40.8 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 | Internal 100-240VAC, 50-60Hz |

Dimensions

| | |
|----------------------------|--------------------|
| Product with stand (mm) | 731 x 529 x 255 mm |
| Product without stand (mm) | 731 x 434 x 63 mm |
| Packaging in mm (WxHxD) | 815 x 615 x 224 mm |

Weight

| | |
|-----------------------------|----------|
| Product with stand (kg) | 6.88 kg |
| Product without stand (kg) | 5.92 kg |
| Product with packaging (kg) | 10.01 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 Mercury Free |
| Recyclable packaging material | 100 % |

Compliance and standards

| | |
|----------------------|--|
| Regulatory Approvals | CE Mark UKRAINIAN CU-EAC EAEU RoHS TUV-BAUART TUV/ISO9241-307 CB |
|----------------------|--|

Cabinet

| | |
|--------|--------|
| Color | Black |
| Finish | Glossy |

* Response time value equal to SmartResponse

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* The monitor may look different from feature images.



data subject to change
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