



Philips
QHD LCD monitor

E Line
32 (31.5" / 80 cm diag.)
Quad HD (2560 x 1440)

327E8FJSW



Brilliant colors, crisp images

in an elegant design

This Philips 32" monitor boasts Quad HD picture quality for superb detail. With an expansive crystal-clear QHD wide viewing angle display, see the big picture with all the details.

Superb Picture Quality

- Crystalclear images with Quad HD 2560 x 1440 pixels
- 1.074 billion colors for smooth color gradations and detail
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- SmartImage game mode optimized for gamers
- VA display gives awesome images with wide viewing angle
- LowBlue Mode for easy on-the-eyes productivity
- Less eye fatigue with Flicker-free technology

Features designed for you

- HDMI-ready for Full HD entertainment
- DisplayPort connection for maximum visuals

Greener everyday

- Eco-friendly materials meet major international standards
- Low power consumption saves energy bills
- Mercury Free eco-friendly display

PHILIPS

Highlights

Crystalclear images

These latest 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 Displayport, HDMI, Dual link DVI, 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.

10-bit colors



8-bit

10-bit

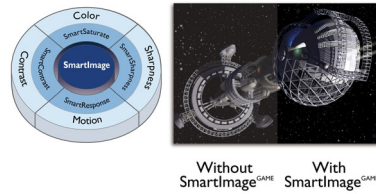
The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color banding.

Ultra-smooth gaming



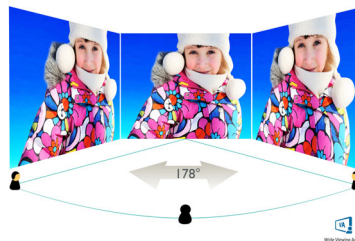
Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid, artifact-free performance at virtually any framerate with AMD FreeSync™ technology, smooth quick refresh and ultra-fast response time.

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.

VA display



Philips VA LED display uses an advanced 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 176/176 degree extra wide viewing angle, resulting in crisp images.

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, 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.

HDMI Ready



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).



Specifications

Picture/Display

- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 31.5 inch / 80 cm
- Display Screen Coating: Anti-Glare, 3H
- Effective viewing area: 698.88 (H) x 393.12 (V)
- Aspect ratio: 16:9
- Optimum resolution: 2560 x 1440 @ 60Hz
- Pixel Density: 93 PPI
- Response time (typical): 5 ms (Gray to Gray)*
- Brightness: 250 cd/m²
- Contrast ratio (typical): 3,000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.273 x 0.273 mm
- Viewing angle: 176° (H) / 176° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage game
- Display colors: Color support 1.07 billion colors
- Scanning Frequency: 54 - 84 kHz (H) / 49 - 72 Hz (V)
- sRGB
- Freesync
- LowBlue Mode

Connectivity

- Signal Input: VGA (Analog), DVI-D (digital, HDCP), DisplayPort, HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Audio out

Convenience

- User convenience: Power On/Off, Menu, Volume (HDMI Audio out), Input, SmartImage Game/Return
- Control software: SmartControl
- 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: 51 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: Built-in, 100-240VAC, 50-60Hz

Dimensions

- Product with stand (mm): 731 x 529 x 255 mm
- Product without stand (mm): 731 x 434 x 54 mm
- Packaging in mm (WxHxD): 815 x 615 x 224 mm

Weight

- Product with stand (kg): 7.03 kg
- Product without stand (kg): 6.45 kg
- Product with packaging (kg): 9.83 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: RoHS, Lead-free, Mercury Free, WEEE
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: CCC, CECP

Cabinet

- Color: White & Silver
- Finish: Glossy



Issue date 2018-03-27

Version: 4.0.2

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EAN: 69 51613 91331 4

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* Response time value equal to SmartResponse

* The monitor may look different from feature images.