Philips
QHD LCD monitor

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

272B8QJEB

Crystal-clear image

efficient performance for maximum productivity

Get your best work done with the Philips 27" Quad HD monitor. Crystal-clear Quad HD gives you the space and clarity to see your work. Features like Flicker-free and LowBlue mode make work easy on the eyes.

Brilliant performance

- Crystal clear images with Quad HD 2560 x 1440 pixels
- 1.074 billion colours for smooth colour gradations and detail
- IPS technology for full colours and wide viewing angles

Designed for comfortable productivity

- LowBlue Mode for easy-on-the-eyes productivity
- Less eye fatigue with Flicker-Free technology
- SmartErgoBase enables user-friendly ergonomic adjustments
- EasyRead mode for a paper-like reading experience

Features for the way you work

- Built-in stereo speakers for multimedia
- USB 3.0 enables fast data transfers and smart phone charging
- SmartConnect with DisplayPort, HDMI and VGA connections

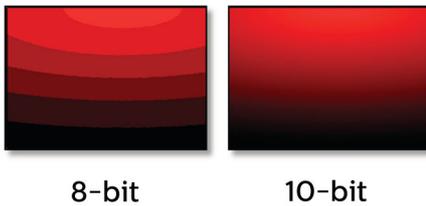### Sustainable Eco-design

- Designed to meet environmental standards

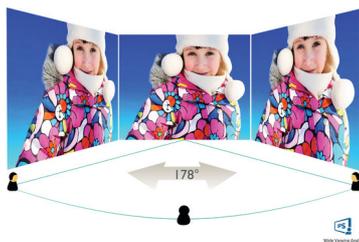**PHILIPS**

Highlights

CrystalClear images

These Philips screens deliver Crystal Clear, Quad HD 2560 x 1440 or 2560 x 1080 pixel images. Utilising high-performance panels with high-density pixel count, enabled by high-bandwidth sources like Displayport, HDMI and Dual link DVI, these new displays will make your images and graphics come alive. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions, a user of 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystal Clear images.

10-bit colours

8-bit   10-bit

The 10-bit display delivers rich colour depth with 1.074 billion colours and 12-bit internal processing for recreating smooth, natural colours without gradations and colour banding.

IPS technology

IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in 90-degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colours, making it ideal not only for Photos, films and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

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, the 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.

SmartErgoBase

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, cable management reduces cable clutter and keeps the workspace neat and professional.

EasyRead mode

EasyRead mode for a paper-like reading experience

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.

USB 3.0 super speed

Super Speed USB 3.0 deploys a 5.0 Gbit/s transfer rate, which is about 10 times faster than USB 2.0 standard, significantly reducing data transfer time and saving you time and money. With more bandwidth, super-speed transfer rates, better power management and superior overall performance, USB 3.0 sets the global standard, allowing you to use large-capacity storage devices. Sync-N-Go technology ensures that you no longer have to wait for bandwidth to be freed up. Your investment in USB 2.0 devices is protected as it is backwards compatible.

SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multiple connections like VGA, Display Port and universal HDMI connector, enabling you to enjoy high-resolution uncompressed video and audio content. USB connections ensure that you can have super-speed data transfers while having global connectivity. Regardless of what source you use, you can rest assured that this Philips display will ensure your investment is not made obsolete any time soon!

Quad HD   Wide Viewing Angle   LowBlue Mode   Flicker-free   SmartErgo Base   EasyRead   Built-in Speaker   SmartConnect   TCO CERTIFIED

Specifications

Picture/Display
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.5 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 596.7 (H) x 335.7 (V)
- Aspect ratio: 16:9
- Optimum resolution: 2560 x 1440 @ 60Hz
- Pixel Density: 109 PPI
- Response time (typical): 5 ms (Grey to Grey)*
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.233 x 0.233 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Colour gamut (typical): NTSC 72% (CIE1931)
- Display colours: Colour support 1.07 billion colours
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB
- EasyRead
- LowBlue Mode
- Adaptive sync

Connectivity
- Signal Input: VGA (Analogue), DVI-Dual Link (digital, HDCP), DisplayPort 1.2, HDMI 1.4
- USB: USB 3.0 x 2 (1 w/fast charging)*, USB 2.0 x 2
- Audio (In/Out): PC audio-in, Headphone out
- Sync Input: Separate Sync, Sync on Green

Convenience
- Built-in Speakers: 2 W x 2
- User convenience: SmartImage, Input, Brightness, Menu, Power On/Off
- 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 (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand
- Height adjustment: 130 mm
- Pivot: -/+ 90 degree
- Swivel: -175/175 degree
- Tilt: -5/30 degree

Power
- ECO mode: 16.4 W (typ.)
- On mode: 34.2 W (typ.)
- Standby mode: <0.5 W (typ.)
- Off mode: Zero watts with Zero switch
- Energy Label Class: A
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz

Dimensions
- Product with stand (max height): 625 x 530 x 224 mm
- Product without stand (mm): 625 x 370 x 51 mm
- Packaging in mm (W x H x D): 699 x 454 x 242 mm

Weight
- Product with stand (kg): 6.90 kg
- Product without stand (kg): 4.59 kg
- Product with packaging (kg): 9.96 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability
- Environmental and energy: TCO Certified Edge, RoHS, WEEE
- Recyclable packaging material: 100 %
- Post-consumer recycled plastic: 85%
- Specific Substances: PVC/BFR free housing, Mercury free, Lead free

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, SEMKO, cETLus, CU-EAC, TUV Ergo, TUV/GS, ICES-003, UKRAINIAN, CCC, MEPS, PSE, RCM, VCCI

Cabinet
- Front bezel: Black
- Rear cover: Black
- Foot: Black
- Finish: Texture

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

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* Fast charging complies with USB BC 1.2 standard
* Response time value equal to SmartResponse
* The monitor may look different from feature images.