

PHILIPS

QHD LCD monitor

B Line

32 (31.5"/80 cm diag.)

2560 x 1440 (QHD)

328B6QJEB



Crisp images, efficient performance

for maximum productivity

Get your best work done with the Philips 32" Quad HD monitor. Crystal-clear Quad HD gives you the space and clarity to see your work. Features like height adjustment, Flicker-free and LowBlue mode make work easy on the eyes.

Excellent performance

- Less eye fatigue with Flicker-Free technology
- IPS technology for full colours and wide viewing angles
- SmartImage pre-sets for easy optimised image settings
- Crystal clear images with Quad HD 2560 x 1440 pixels
- 1.074 billion colours for smooth colour gradations and detail
- SmartUniformity for consistent images

Designed for the way you work

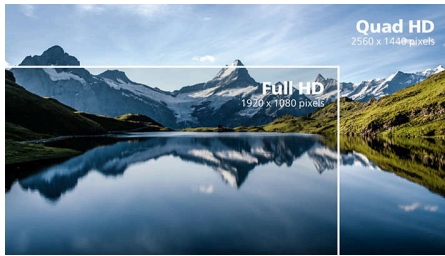
- Built-in stereo speakers for multimedia
- MultiView enables simultaneous dual connection and view
- USB 3.0 Hub for convenient access and fast charging
- SmartErgoBase enables user-friendly ergonomic adjustments

Easy to experience

- SmartConnect with HDMI, MHL, DisplayPort, DVI and VGA

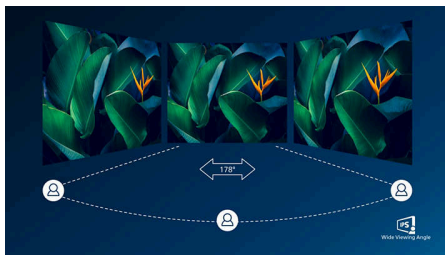
Highlights

CrystalClear images



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

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.

Flicker-Free technology



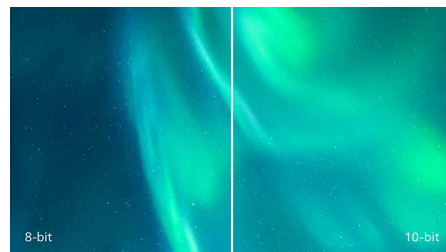
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

SmartImage



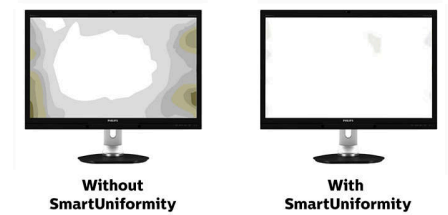
SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your display performance. This user-friendly interface allows you to select various modes, like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

10-bit colours



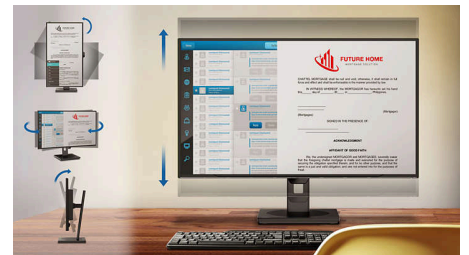
The 10-bit display delivers rich colour depth with 1.074 billion colours and 12-bit internal processing for recreating smooth, natural colours without gradations and colour banding.

SmartUniformity



Fluctuations in brightness and colour on LCD screens are a common phenomenon. Philips' SmartUniformity mode delivers accurate images in terms of brightness; which is crucial for photography, design and printing. With a colour metric to assess colour accuracy, this mode is calibrated to meet average luminance uniformity of more than 95%. Selecting this mode will produce uniform and accurate images.

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height-adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

USB 3.0 Hub with FastCharge

Super Speed USB 3.0 deploys 5.0 gbit/s transfer rate, which is about 10 times faster than USB 2.0 standard, significantly reducing data transfer time to save you time and money. With more bandwidth, super speed transfer rates, better power management and superior overall performance, USB 3.0 sets the latest global standard and allows you to use large capacity storage devices. Now you don't have to wait so long for devices to charge. New FastCharge enables quick charging to charge and go. USB 3.0 is also backward compatible with USB 2.0 devices.



Quad HD



Wide Viewing Angle



Flicker-free



SmartImage™



SmartUniformity



SmartErgoBase



Built-in Speaker



Multiview

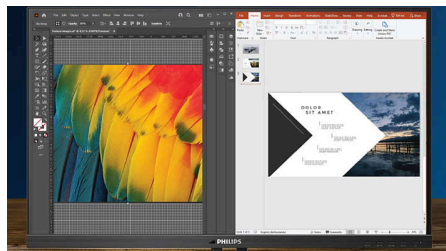
Highlights

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.

MultiView technology



With the ultra-high resolution Philips MultiView display, you can now experience a world of connectivity. MultiView enables active dual

connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multitasking.

SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multiple connections like VGA, DVI-D, DisplayPort, universal HDMI connector and MHL, enabling you to enjoy high-resolution uncompressed video and audio content. 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!



Specifications

Picture/Display

Panel Size: 31.5 inch/80.1 cm
Aspect ratio: 16:9
LCD panel type: IPS technology
Backlight type: W-LED system
Pixel pitch: 0.2727 x 0.2727 mm
Optimum resolution: 2560 x 1440 @ 60Hz
Brightness: 250 cd/m²
Display colours: Colour support 1.07 billion colours
Colour gamut (typical): NTSC 110%*, sRGB 128%*
Contrast ratio (typical): 1200:1
SmartContrast: 50,000,000:1
Response time (typical): 5 ms (Grey to Grey)*
Viewing angle: 178° (H)/178° (V), @ C/R > 10
Picture enhancement: SmartImage
Effective viewing area: 698.11 (H) x 392.69 (V)
Scanning Frequency: 30–99 kHz (H)/56–76 Hz (V)
sRGB
Delta E: <= 2
Flicker-free
Display Screen Coating: Anti-Glare, 3H, Haze 25%
SmartUniformity: 93% ~ 105%

Connectivity

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

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: SmartImage, Multi-view, User, Menu, Power On/Off
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)
Control software: SmartControl
MultiView: PIP/PBP mode, 2 x devices

Stand

Height adjustment: 180 mm
Pivot: 90 degree
Swivel: -170/+170 degree
Tilt: -5/20 degree

Power

ECO mode: 34.9 W (typ.)
Power supply: Built-in, 100–240 VAC, 50–60 Hz
Off mode: Zero watts with Zero switch
On mode: 62 W (typ.)
Standby mode: < 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

Packaging in mm (W x H x D): 970 x 526 x 224 mm
Product without stand (mm): 742 x 438 x 63 mm
Product with stand (max height): 742 x 657 x 270 mm

Weight

Product with packaging (kg): 13.41 kg
Product with stand (kg): 9.50 kg
Product without stand (kg): 6.90 kg

Operating conditions

Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
Temperature range (operation): 0°C to 40°C °C
Relative humidity: 20%-80 %
Temperature range (storage): -20°C to 60°C °C
MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability

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

Compliance and standards

Regulatory Approvals: CE Mark, FCC Class B, SEMKO, cETLus, CU-EAC, PSB, CECP, GS, TUV Ergo, TUV/GS, TUV/ISO9241-307

Cabinet

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

What's in the box?

Cables: D-Sub cable, Dual-link DVI-D cable, DP cable, HDMI cable, Audio cable, Power cable
Monitor with stand
User Documentation

