

PHILIPS

LCD monitor

B Line

24 (23.8"/60.5 cm diag.)

Full HD (1920 x 1080)

241B8QJEB



Clear image, efficient performance for maximum productivity

Get your best work done with the Philips 24" Full HD monitor. Crisp and vivid Full 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.

Brilliant performance

- IPS technology for full colours and wide viewing angles
- 16:9 Full HD display for crisp, detailed images
- SmartImage pre-sets for easy optimised image settings

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

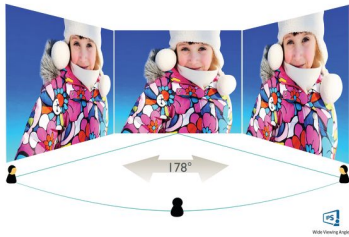
- Built-in stereo speakers for multimedia
- USB 3.0 enables fast data transfers and smart phone charging
- SmartConnect with DisplayPort, HDMI and VGA connections

Sustainable Eco-design

- 85% post consumer recycled plastics with TCO Edge

Highlights

IPS technology



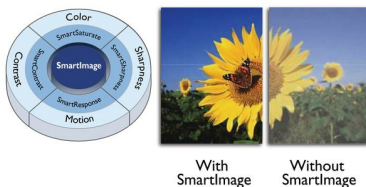
IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in 90-degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colours, making it ideal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

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.

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!

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.

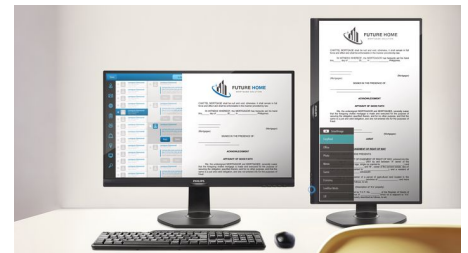
SmartErgoBase



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 the 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 latest global standard allowing you to use large-capacity storage devices. Sync-N-Go technology ensures you don't have to wait for bandwidth to be freed up any more. 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!



Specifications

Picture/Display

LCD panel type: IPS technology
Backlight type: W-LED system
Panel Size: 23.8 inch/60.5 cm
Display Screen Coating: Anti-Glare, 3H, Haze 25%
Effective viewing area: 527 (H) x 296.5 (V)
Aspect ratio: 16:9
Optimum resolution: 1920 x 1080 @ 60 Hz
Pixel Density: 93 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: 0.275 x 0.275 mm
Viewing angle: 178° (H)/178° (V), @ C/R > 10
Flicker-free
Picture enhancement: SmartImage
Colour gamut (typical): NTSC 89.9%*, sRGB 103.8%*
Display colours: 16.7 M
Scanning Frequency: 30–85 kHz (H)/48–76 Hz (V)
sRGB
EasyRead
LowBlue Mode
Adaptive sync

Connectivity

Signal Input: VGA (Analogue), DVI-D (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: 150 mm
Pivot: +/- 90 degree
Swivel: -175/175 degree
Tilt: -5/30 degree

Power

ECO mode: 10 W (typ.)
On mode: 13 W (typ.) (EnergyStar 7.0 test method)
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): 540 x 508 x 206 mm
Product without stand (mm): 540 x 323 x 50 mm
Packaging in mm (W x H x D): 600 x 468 x 198 mm

Weight

Product with stand (kg): 4.97 kg
Product without stand (kg): 3.37 kg
Product with packaging (kg): 7.17 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: EnergyStar 7.0, EPEAT Gold*, TCO 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, CB, EPA, FCC Class B, SEMKO, cETLus, UKRAINIAN, ICES-003, TUV/GS, TUV Ergo, PSE, PSB, MEPS, CU-EAC, VCCI, RCM, J-MOSS

Cabinet

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

Web navigation

Hotel TV: N/A

What's in the box?

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

