

PHILIPS

LCD monitor

B Line

22 (21.5"/54.6 cm diag.)

Full HD (1920 x 1080)

221B8LHEB



Clear image, efficient performance for maximum productivity

Get your best work done with the Philips 22" 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

- SmartImage pre-sets for easy optimised image settings
- 16:9 Full HD display for crisp, detailed images

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

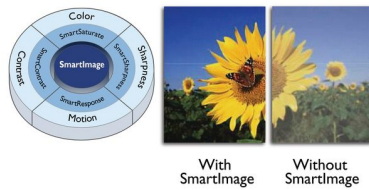
- Built-in stereo speakers for multimedia
- HDMI ensures universal digital connectivity

Sustainable Eco-design

- 85% post consumer recycled plastics with TCO Edge
- Zero power consumption with 0 watt hard switch

Highlights

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!

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.

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



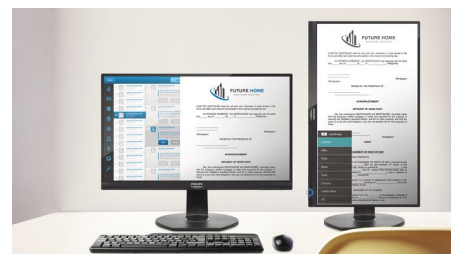
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

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.

HDMI Ready



HDMI-ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be 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).

TCO Edge

TCO Edge certification is given to products that go beyond existing eco-labelling programmes. Over and above standard TCO requirements, it further mandates that the product should use a minimum of 85% of post consumer recycled plastics, be energy efficient, use minimal hazardous materials, have 100% recyclable packaging and be designed for easy recycling, amongst other requirements. You can rest assured that this Philips monitor is a cutting-edge technology product, which is best in class ICT, benefitting you and the planet while helping you make a responsible green IT purchase!

Zero power consumption

At the flick of the 0 watt hard switch, which is conveniently located at the back of the monitor, you can completely cut off your monitor from AC power. This results in zero power consumption, reducing your carbon footprint even further



Specifications

Picture/Display

LCD panel type: TFT-LCD (TN)
Backlight type: W-LED system
Panel Size: 21.5 inch/54.6 cm
Display Screen Coating: Anti-Glare, 3H, Haze 25%
Effective viewing area: 476.64 (H) x 268.11 (V)
Aspect ratio: 16:9
Optimum resolution: 1920 x 1080 @ 60 Hz
Pixel Density: 102 PPI
Response time (typical): 1 ms (Grey to Grey)*
Brightness: 250 cd/m²
Contrast ratio (typical): 1000:1
SmartContrast: 20,000,000:1
Pixel pitch: 0.248 x 0.248 mm
Viewing angle: 170° (H)/160° (V), @ C/R > 10
Flicker-free
Picture enhancement: SmartImage
Display colours: 16.7 M
Colour gamut (typical): NTSC 72% (CIE1931)
Scanning Frequency: 30–83 kHz (H)/50–76 Hz (V)
sRGB
EasyRead
LowBlue Mode
Adaptive sync

Connectivity

Signal Input: VGA (Analogue), HDMI 1.4
Sync Input: Separate Sync, Sync on Green
Audio (In/Out): PC audio-in, Headphone out

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: 8.5 W (typ.)
On mode: 14.2 W (typ.) (EnergyStar 7.0 test method)
Standby mode: < 0.3 W (typ.)
Off mode: Zero watts with Zero switch
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): 504 x 477 x 206 mm
Product without stand (mm): 504 x 304 x 47 mm
Packaging in mm (W x H x D): 565 x 490 x 184 mm

Weight

Product with stand (kg): 4.45 kg
Product without stand (kg): 2.55 kg
Product with packaging (kg): 6.34 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, FCC Class B, SEMKO, cETLus, CU-EAC, PSB, EPA, UKRAINIAN, ICES-003, TUV Ergo, TUV/GS, RCM, TUV/ISO9241-307

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, Audio cable, Power cable
User Documentation

