

PHILIPS

Full HD LCD monitor

V Line

24 (23.8"/60.5 cm diag.)

1920 x 1080 (Full HD)

243V7QJABF



Vivid, crisp images, from edge to edge

A perfect all-round display with stunning images that stretch from edge to edge, made easy on the eyes, in a compact, slim design.

Perfectly designed for your space

- VESA mount allows for flexibility

Easy on the eyes

- EasyRead mode for a paper-like reading experience
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity

Experience true multimedia

- Built-in speakers for audio without desktop clutter
- SmartConnect with DisplayPort, HDMI and VGA connections

Vivid pictures every time

- SmartContrast for rich black details
- IPS LED wide view technology for image and colour accuracy
- 16:9 Full HD display for crisp, detailed images
- SmartImage pre-sets for easy optimised image settings
- Narrow-border display for a seamless appearance

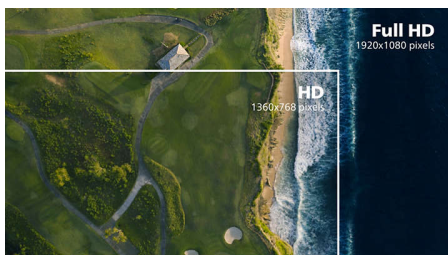
Highlights

IPS technology



IPS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays give you remarkably crisp images with vivid colours, making them ideal not only for Photos, movies 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.

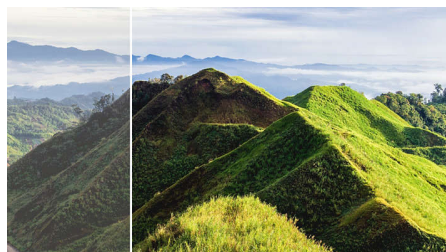
Ultra-narrow Border



The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for

multi-display or tiling setups like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

SmartContrast



SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

SmartImage



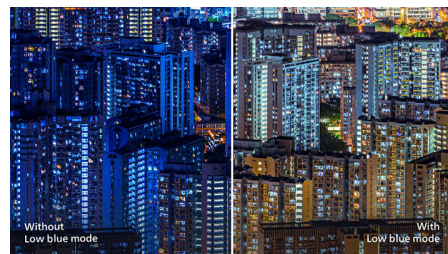
SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your display performance. This user-friendly interface allows you to select various modes, like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on 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!

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.

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.



Highlights

EasyRead mode



EasyRead mode for a paper-like reading experience

Built-in speakers



A pair of stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing etc, depending on model and design.

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

Panel Size: 23.8 inch/60.5 cm

Aspect ratio: 16:9

LCD panel type: IPS technology

Backlight type: W-LED system

Pixel pitch: 0.275 x 0.275 mm

Brightness: 250 cd/m²

Display colours: 16.7 M

Contrast ratio (typical): 1000:1

SmartContrast: 200,000,000:1

Response time (typical): 4 ms (GtG)*

Viewing angle: 178° (H)/178° (V), @ C/R > 10

Maximum resolution: 1920 x 1080 @ 75 Hz*

Effective viewing area: 527.04 (H) x 296.46 (V)

Scanning Frequency: 30–83 kHz (H)/56–76 Hz (V)

sRGB

Flicker-free

Pixel Density: 93 PPI

LowBlue Mode

Connectivity

Signal Input: VGA (Analogue), HDMI (digital, HDCP), DisplayPort 1.2

Sync Input: Separate Sync, Sync on Green

Audio (In/Out): PC audio-in, Headphone out

Convenience

Built-in Speakers: 2 W x 2

Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

User convenience: Power On/Off, Menu/OK, Volume/Up, Input/Down, SmartImage/Back

OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Swedish, Turkish, Traditional Chinese, Ukrainian

Other convenience: Kensington lock, VESA mount (100 x 100 mm)

Stand

Tilt: -5/20 degree

Power

Power supply: Built-in, 100–240 VAC, 50–60 Hz

Off mode: 0.5 W (typ.)

On mode: 14.13 W (typ.) (EnergyStar test method)

Standby mode: 0.5 W (typ.)

Power LED indicator: Operation - White, Standby mode - White (flashing)

Energy Label Class: E

Dimensions

Product with stand (mm): 540 x 415 x 209 mm

Packaging in mm (W x H x D): 588 x 465 x 115 mm

Product without stand (mm): 540 x 325 x 45 mm

Weight

Product with packaging (kg): 4.82 kg

Product with stand (kg): 3.50 kg

Product without stand (kg): 3.08 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

MTBF: 50 000 (Excluded backlight) hour(s)

Relative humidity: 20%–80 %

Temperature range (storage): -20°C to 60°C °C

Sustainability

Environmental and energy: EnergyStar 8.0, EPEAT*, TCO Certified, RoHS, Mercury Free

Recyclable packaging material: 100 %

Compliance and standards

Regulatory Approvals: UKRAINIAN, cETLus, CB, TUV/ISO9241-307, SEMKO, CU-EAC, EAEU RoHS, RCM, KCC, BSMI, CE Mark, FCC Class B, ICES-003, TUV Cert. — blue light cut-off

Cabinet

Colour: Black

Finish: Textured

What's in the box?

Cables: HDMI cable, Power cable

Monitor with stand

User Documentation

