

PHILIPS

Full HD LCD monitor

V Line

24 (23.8" / 60.5 cm diag.)

1920 x 1080 (Full HD)

243V7QDSB



Vivid, crisp images, from edge-to-edge

A perfect all around 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

- Compact design saves 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

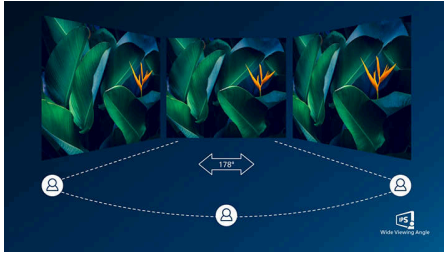
- HDMI-ready for Full HD entertainment

Vivid pictures every time

- SmartContrast for rich black details
- IPS LED wide view technology for image and color accuracy
- 16:9 Full HD display for crisp detailed images
- SmartImage presets for easy optimized image settings
- Narrow border display for a seamless appearance

Highlights

IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color 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 colors expect a true to life picture.

UltraNarrow 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 setup like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

SmartContrast



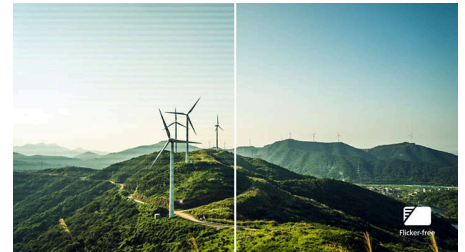
SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, 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 analyzes the content displayed on your screen and gives you optimized 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 optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

Flicker-free technology

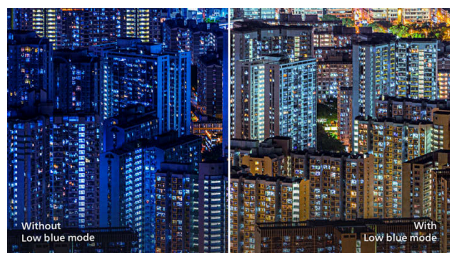


Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.



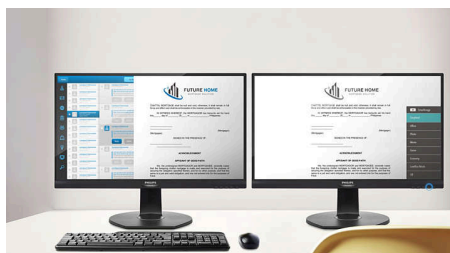
Highlights

LowBlue Mode



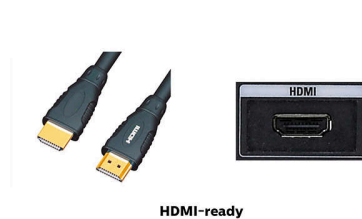
Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

EasyRead mode



EasyRead mode for a paper-like reading experience

HDMI Ready



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



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 colors: 16.7 M

Contrast ratio (typical): 1000:1

SmartContrast: 10,000,000:1

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 (Analog), DVI-D (digital, HDCP), HDMI (digital, HDCP)

Sync Input: Separate Sync, Sync on Green

Audio (In/Out): HDMI audio out

Convenience

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

User convenience: Power On/Off, Menu/OK, Brightness/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 (100x100mm)

Stand

Tilt: -5/20 degree

Power

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

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 (blinking)

Dimensions

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

Packaging in mm (WxHxD): 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): 3.10 kg

Operating conditions

Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)

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, RoHS, Mercury Free

Recyclable packaging material: 100 %

Compliance and standards

Regulatory Approvals: CU, SEMKO, cETLus, TUV/ISO9241-307, WEEE, TCO Certified, CE Mark, FCC Class B, ICES-003, RCM, UKRAINIAN, VCCI, KCC, CECP, TUV Cert. - blue light cut-off

Cabinet

Color: Black

Finish: Textured

