

PHILIPS

Full HD LCD monitor

V Line

24 (23.8" / 60.5 cm diag.)

1920 x 1080 (Full HD)

243V7QDAB



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

- 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

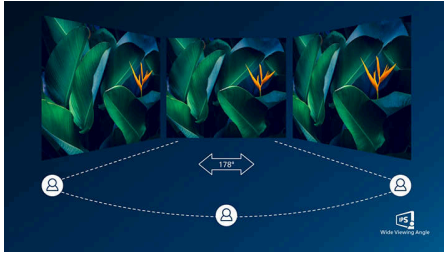
- Built-in speakers for audio without desktop clutter
- HDMI-ready for Full HD entertainment

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.

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.



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.

HDMI Ready



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
Optimum resolution: 1920 x 1080 @ 60 Hz
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
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): PC audio-in, Headphone out

Convenience

Built-in Speakers: 2W x 2
Plug & 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 (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, KCC, BSMI, TUV Cert. - blue light cut-off

Cabinet

Color: Black
Finish: Textured

