

# PHILIPS

LCD monitor with  
SmartControl Lite

V Line

23.6" / 59.9 cm

243V5QHABA



## Great LED images in vivid colors

with stereo speakers

Enjoy vibrant pictures on this Philips display. Equipped with HDMI and stereo speakers, it's a great choice!

### **Vivid pictures every time**

- Easy display performance tuning with SmartControl Lite
- SmartContrast for rich black details
- MVA Display for wide viewing angles and deep contrast levels
- 16:9 Full HD display for crisp detailed images

### **Experience multimedia**

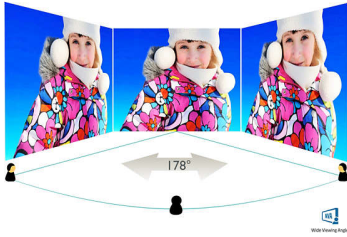
- HDMI-ready for Full HD entertainment
- Built-in stereo speakers for multimedia

### **Great choice**

- Compact design saves space
- Mercury Free eco-friendly display
- VESA mount allows for flexibility

# Highlights

## MVA Display Technology



Philips MVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

## Built-in stereo speakers



A pair of high quality 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.

## SmartControl Lite

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune most parameters of the

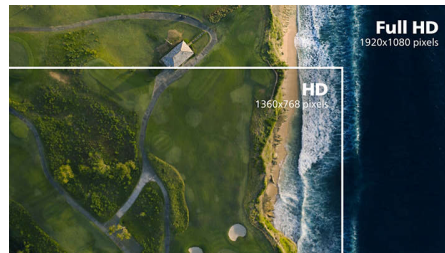
monitor like Color, Brightness, screen calibration, Multi-media, ID management, etc with the mouse.

## 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.

## 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.

## 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).

## Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

# Specifications

## Picture/Display

**Panel Size:** 23.6 inch / 59.9 cm  
**Aspect ratio:** 16:9  
**LCD panel type:** MVA  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.272 x 0.272 mm  
**Optimum resolution:** 1920 x 1080 @ 60 Hz  
**Brightness:** 250 cd/m<sup>2</sup>  
**Display colors:** 16.7 M  
**Contrast ratio (typical):** 3000:1  
**SmartContrast:** 10,000,000:1  
**Response time (typical):** 8 ms (Gray to Gray)\*  
**Viewing angle:** 178° (H) / 178° (V), @ C/R &gt; 20  
**Effective viewing area:** 521.28 (H) x 293.22 (V)  
**Scanning Frequency:** 30 -83 kHz (H) / 56 -76 Hz (V)  
**sRGB**

## 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

**Plug & Play Compatibility:** DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8  
**Built-in Audio:** 2.0W x 2

**User convenience:** Auto/Down, Brightness/Back, Menu/OK, Power On/Off, Volume/Up  
**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:** 0.3 W (typ.)  
**On mode:** 21.51 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):** 551 x 420 x 220 mm  
**Packaging in mm (WxHxD):** 600 x 415 x 118 mm  
**Product without stand (mm):** 551 x 344 x 52 mm

## Weight

**Product with packaging (kg):** 4.76 kg  
**Product with stand (kg):** 3.66 kg  
**Product without stand (kg):** 3.22 kg

## Operating conditions

**Altitude:** Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)  
**Temperature range (operation):** 0°C to 40 °C  
**MTBF:** 30,000 hour(s)  
**Relative humidity:** 20%-80 %  
**Temperature range (storage):** -20°C to 60 °C

## Sustainability

**Environmental and energy:** EnergyStar 6.0, RoHS, Mercury Free  
**Recyclable packaging material:** 100 %

## Compliance and standards

**Regulatory Approvals:** CE Mark, FCC Class B, TCO Certified, cETLus, TUV/ISO9241-307, BSMI, PSB, C-Tick, UKRAINIAN, WEEE

## Cabinet

**Color:** Black  
**Finish:** Hairline (front bezel) / Texture (rear cover)

