

# PHILIPS

## LCD monitor

V Line

24 (23.6" / 59.9 cm diag.)

243V5LHAB5



## Great LED images in vivid colors

with stereo speakers

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

### **Vivid pictures every time**

- LED technology for vivid colors
- SmartContrast for rich black details
- 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

## LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

## 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.

## 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.

## 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.

## 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.



Built-in Speaker



Hg Free



VESA Mount



Built-in Speaker



# Specifications

## Picture/Display

**Panel Size:** 23.6 inch / 59.9 cm  
**Aspect ratio:** 16:9  
**LCD panel type:** TFT-LCD  
**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):** 1000:1  
**SmartContrast:** 10,000,000:1  
**Response time (typical):** 1 ms (Gray to Gray)\*  
**Viewing angle:** 170° (H) / 160° (V), @ C/R > 10  
**Effective viewing area:** 521.28 (H) x 293.22 (V)  
**Scanning Frequency:** 30 -83 kHz (H) / 56 -76 Hz (V)  
**sRGB**  
**Pixel Density:** 93 PPI

## 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 10 / 8.1 / 8 / 7  
**Built-in Audio:** 2.0W x 2

**User convenience:** Power On/Off, Menu/OK, Brightness/Back, Volume/Up, Auto/Down  
**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:** 15.7 W (typ.) (EnergyStar 7.0 test method)  
**Standby mode:** 0.5 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode- White (blinking)

## Dimensions

**Product with stand (mm):** 560 x 424 x 219 mm  
**Packaging in mm (WxHxD):** 608 x 419 x 121 mm  
**Product without stand (mm):** 560 x 348 x 53 mm

## Weight

**Product with packaging (kg):** 4.69 kg  
**Product with stand (kg):** 3.41 kg  
**Product without stand (kg):** 3.02 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 7.0, 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, RCM, UKRAINIAN, EPA, KC, KCC, CECP, WEEE

## Cabinet

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



\* Response time value equal to SmartResponse