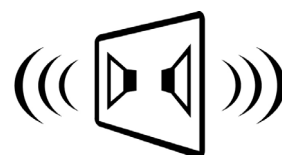




Philips  
LCD monitor with LED  
backlight

**V Line**  
20 (Viewable 19.5"/49.5 cm)

**200V4LAB2**



**Built-in** Speakers

## Enjoy great LED pictures in vivid colours

with stereo speakers

Enjoy vivid LED pictures with this attractive, glossy design display. Equipped with stereo speakers, it's a great choice!

### **Vivid pictures every time**

- LED technology for vivid colours
- SmartContrast for rich black details
- 16:9 display for great viewing experience

### **Experience multimedia**

- Powerful sound with 2 x 2 watts RMS speakers

### **Modern design**

- Attractive glossy design
- Small footprint saves space
- VESA mount allows for flexibility

### **Greener every day**

- Mercury Free eco-friendly display
- Low power consumption saves energy bills
- Energy Star for energy efficiency and low power consumption

# PHILIPS

# Specifications

## Picture/Display

- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 19.5 inch / 49.5 cm
- Effective viewing area: 432.00 (H) x 239.76 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1600 x 900 @ 60 Hz
- Response time (typical): 5 ms
- Brightness (max.): 200 cd/m<sup>2</sup>
- SmartContrast: 10,000,000:1
- Contrast ratio (typical): 600:1
- Pixel pitch: 0.32 x 0.31 mm
- Viewing angle: 90° (H)/65° (V), @ C/R > 10
- Display colours: 16.7 M
- Scanning Frequency: 30-83 kHz (H) / 56-76 Hz (V)
- sRGB

## Connectivity

- Signal Input: VGA (Analogue), DVI-D (digital), HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in

## Convenience

- Built-in Audio: 2.0 W 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, Simplified Chinese, Spanish, Swedish, Turkish, Traditional Chinese, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/XP

## Stand

- Tilt: -5/20 degree

## Power

- On mode: 16 W (typ.), 19 W (max.)

- Standby mode: 0.5 W
- Off mode: 0.5 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100-240 VAC, 50-60 Hz

## Dimensions

- Product with stand (mm): 479 x 369 x 201 mm
- Product without stand (mm): 479 x 299 x 48 mm
- Packaging in mm (W x H x D): 567 x 372 x 124 mm

## Weight

- Product with stand (kg): 2.72 kg
- Product without stand (kg): 2.39 kg
- Product with packaging (kg): 3.83 kg

## Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80% %
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 30,000 hour(s)

## Sustainability

- Environmental and energy: EPEAT Silver, Energy Star, RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, EAC, SEMKO, TCO certified, UL/cUL, BSMI, TUV/ISO9241-307, WEEE, CECF

## Cabinet

- Colour: Black
- Finish: Glossy (front bezel)/Textured (rear cover)

## What's in the box?

- Monitor with stand
- Cables: VGA, Audio, Power
- User Documentation

# Highlights

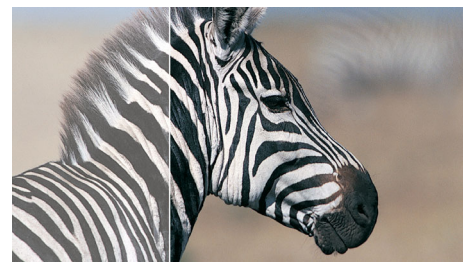
## LED technology

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 the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

## Built-in stereo speakers

Now you can enjoy all your multimedia and social applications with stereo sound. These built-in speakers not only sound great, but also help you to get rid of external wire clutter and save valuable desktop space.

## 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.

## Mercury Free

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



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