



Philips  
LCD monitor with LED  
backlight

**V Line**  
20 (19.53" / 49.6 cm diag.)

**200V4QSB**

## Great LED images in vivid colors

Enjoy vibrant MVA LED pictures with this attractive, glossy design display. Equipped with SmartControl lite, it's a great choice!

### **Vivid pictures every time**

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

### **Modern design**

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

### **Greener everyday**

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

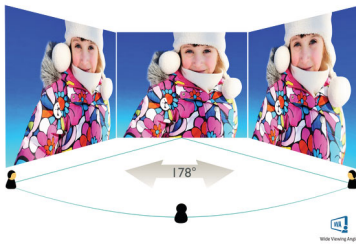
# PHILIPS

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# 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.

## 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.

## 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.

## 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

- LCD panel type: MVA
- Backlight type: W-LED system
- Panel Size: 19.53 inch / 49.6cm
- Effective viewing area: 434.88 (H) x 238.68 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 20 ms
- SmartResponse (typical): 8 ms (Gray to Gray)
- Brightness (max.): 250 cd/m<sup>2</sup>
- SmartContrast: 10,000,000:1
- Contrast ratio (typical): 3000:1
- Pixel pitch: 0.23 x 0.22 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -76 Hz (V)
- sRGB

## Connectivity

- Signal Input: VGA (Analog), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green

## Convenience

- User convenience: Auto/Down, 4:3 Wide/Up, Brightness/Back, Menu/OK, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish, Brazil Portuguese, Czech, Dutch, Finnish, Greek, Hungarian, Japanese, Korean, Polish, Swedish, Traditional Chinese, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8.1

## Stand

- Tilt: -5/20 degree

## Power

- On mode: 13.97 W (EnergyStar 7.0 test method)
- Energy Label Class: F
- Standby mode: 0.5 W (typ.)

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

## Dimensions

- Product with stand (mm): 479 x 369 x 213 mm
- Product without stand (mm): 479 x 299 x 50 mm
- Packaging in mm (WxHxD): 535 x 389 x 131 mm

## Weight

- Product with stand (kg): 2.72 kg
- Product without stand (kg): 2.39 kg
- Product with packaging (kg): 3.79 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF: 30,000 hour(s)

## Sustainability

- Environmental and energy: EnergyStar 7.0, RoHS, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: WEEE, CCC, CE Mark, CECP, CEL, China RoHS, CU, EPA, ETL, FCC Class B, PSB, TCO Certified, TUV/ISO9241-307, UKRAINIAN

## Cabinet

- Color: Black
- Finish: Glossy (front bezel) /Texture (rear cover)

## What's in the box?

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



Issue date 2021-02-27

Version: 8.0.2

12 NC: 8670 001 24287  
EAN: 87 12581 73126 7

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\* Smart response time is the optimum value from either GtG or GtG (BW) tests.