



Philips  
LCD monitor with LED  
backlight

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

**200V4QSBR**

## 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**

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

### **Modern design**

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

### **Greener everyday**

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

# PHILIPS

LCD monitor with LED backlight  
V Line 20 (19.53" / 49.6 cm diag.)

200V4QSB/01

# 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.

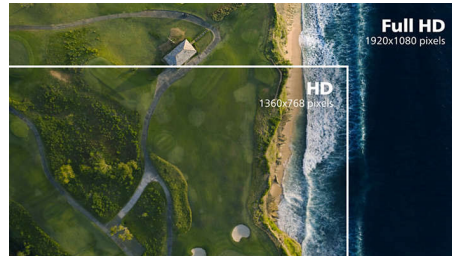
## 16:9 Full HD



The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution.

It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

## 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.

## Low power consumption

Low power consumption saves energy bills

## Attractive glossy design

Attractive glossy design

## Small footprint saves space

Small footprint saves space

## VESA mount

VESA mount allows for flexibility

## Energy Star

Energy Star for energy efficiency and low power consumption



# Specifications

## Connectivity

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

## Picture/Display

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

## Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8.1
- 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)

## Stand

- Tilt: -5/20 degree

## Power

- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: 0.5 W (typ.)
- On mode: 13.97 W (EnergyStar 7.0 test method)

- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Energy Label Class: F

## Dimensions

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

## Weight

- Product with packaging (kg): 3.79 kg
- Product with stand (kg): 2.72 kg
- Product without stand (kg): 2.39 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: 30,000 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: 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?

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



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