



LCD monitor with LED backlight

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

200V4Q5BR/01

## 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!

### Benefits

#### Vivid pictures every time

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

#### 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**

## Features

### 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

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### 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	Yes

### 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
Other convenience	Traditional Chinese
Plug & Play Compatibility	Ukrainian
	Kensington lock
	VESA mount (100x100mm)
	DDC/CI
	Mac OS X
	sRGB
	Windows 7
	Windows 8.1

### Stand

Tilt	-5/20 degree
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### Power

On mode	13.97 W (EnergyStar 7.0 test method)
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
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Recyclable packaging material

Lead-free  
Mercury Free  
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
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#### Cabinet

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

#### What's in the box?

Monitor with stand	yes
Cables	VGA, Power
User Documentation	yes

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



data subject to change  
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