LCD monitor

• V Line
• 24" (61 cm)

246V5LHAB/89

Enjoy great LED pictures in vivid colors

with stereo speakers

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

Benefits

Vivid pictures every time
• LED technology for vivid colors
• SmartContrast for rich black details
• 16:9 Full HD display for crisp detailed images

Modern design
• Attractive glossy design
• 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

Experience multimedia
• Powerful sound with 2x2 watts RMS speakers
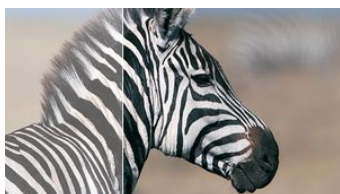• HDMI-ready for Full HD entertainment

Features

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.

PHILIPS

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 helps you to get rid of external wire clutter and save valuable desktop space.

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.

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.

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.

Specifications

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Picture/Display

LCD panel type	TFT-LCD
Backlight type	W-LED system
Panel Size	24 inch / 61 cm
Effective viewing area	531.36 (H) x 298.89 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	250 cd/m²
Response time (typical)	1 ms GtG*
SmartContrast	10,000,000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.277 x 0.277 mm
Viewing angle	170° (H) / 160° (V) @ C/R > 10
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -75 Hz (V)
sRGB	Yes

Connectivity

Signal Input	VGA (Analog) HDMI
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	PC audio-in Headphone out

Convenience

Built-in Audio	2.0W x 2
User convenience	Auto/Down Brightness/Back Menu/OK Power On/Off Volume/Up
OSD Languages	English French German Italian Portuguese Russian Spanish Simplified Chinese Turkish
Other convenience	Kensington lock VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7

Stand

Tilt	-5/20 degree

Power

On mode	16.86 W (EnergyStar 7.0 test method)
Standby mode	0.5 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	Built-in 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm)	565 x 435 x 238 mm

data subject to change
2021, May 19

Product without stand (mm)	565 x 354 x 63 mm	Recyclable packaging material	100 %
Packaging in mm (WxHxD)	613 x 446 x 131 mm		

Compliance and standards

Weight

		Regulatory Approvals	BSMI
Product with stand (kg)	4.65 kg		CE Mark
			cETLus
Product without stand (kg)	4.22 kg		FCC Class B
			GOST
Product with packaging (kg)	6.05 kg		PSB
			SASO
			SEMKO
			TCO Certified

Operating conditions

			TUV/ISO9241-307
Temperature range (operation)	0°C to 40°C °C		WEEE

Cabinet

Temperature range (storage)	-20°C to 60°C °C	Color	Black
Relative humidity	20%-80 %	Finish	Glossy (front bezel) /Texture (rear cover)
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

* Response time value equal to SmartResponse

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