

Philips V-line 243V7QDAB(243V7QDAB/00)

Philips V-line 243V7QDAB - LED monitor - 24" (23.8"viewable) - 1920 x 1080 Full HD (1080p) - IPS - 250 cd/m<sup>2</sup> - 1000:1 - 5 ms - HDMI ,DVI -D,VGA - speakers - textured black



A perfect all-round display with stunning images,that stretch from edge to edge,made easy on the eyes,in a compact,slim design.

## Key Selling Points

- IPS LED wide-view technology for image and color accuracy
- 16:9 Full HD display for crisp,detailed images
- Edge-to-edge glass and narrow border for seamless appearance
- SmartContrast for rich black details
- SmartImage presets for easy optimized image settings
- Less eye fatigue with Flicker-free technology
- LowBlue mode for easy-on-the-eyes productivity
- EasyRead mode for a paper-like reading experience
- Built-in speakers for audio without desktop clutter
- HDMI-ready for Full HD entertainment
- VESA mount allows for flexibility

## Product Features

### IPS technology

IPS displays use an advanced technology,that gives you extra-wide viewing angles of 178/178 degrees,making it possible to view the display from almost any angle. Unlike standard TN panels,IPS displays give you remarkably crisp images with vivid colors,making them ideal not only for photos,movies and web browsing,but also for professional applications that demand color accuracy and consistent brightness at all times.

### 16:9 Full HD display

Picture quality matters. 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.

### Ultra-narrow border

The Philips displays feature ultra-narrow borders,which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setups,like gaming,graphic design and professional applications,the ultra-narrow border display gives you the feeling of using one large display.

### 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 optimal 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.

### SmartImage

SmartImage is an exclusive Philips technology,that analyzes the content,displayed on your screen,and optimizes your display performance. This user-friendly interface allows you to select various modes,like Office,Photo,Movie,Game,Economy etc.,to fit the application in use. Based on the selection,SmartImage dynamically optimizes the contrast,color saturation and sharpness of images and videos for ultimate display performance. The Economy mode function offers you major power savings. All in real time at the touch of a single button!

### Flicker-free technology

Due to the way brightness is controlled on LED-backlit screens,some users experience flicker on their screen,which causes eye fatigue. Philips Flicker-free technology applies a solution to regulate brightness and reduce flicker for more comfortable viewing.

### LowBlue mode

Studies have shown,that just as ultra-violet rays can cause eye damage,shortwave-length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing,the Philips LowBlue mode setting uses a smart technology to reduce harmful shortwave blue light.

### EasyRead mode

Enjoy EasyRead mode for a paper-like reading experience.

## Main Specifications

Product Description	Philips V-line 243V7QDAB - LED monitor - Full HD (1080p) - 24"
Device Type	LED-backlit LCD monitor - 24"

Energy Class	Class A
Energy Consumption per Year	31 kWh
Power Consumption (On mode)	21 W
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 60 Hz
Pixel Pitch	0.275 mm
Brightness	250 cd/m <sup>2</sup>
Contrast Ratio	1000:1 / 10000000:1 (dynamic)
Response Time	5 ms (grey-to-grey)
Colour Support	16.7 million colours
Input Connectors	HDMI, DVI-D, VGA
Display Position Adjustments	Tilt
Colour	Textured black
Dimensions (WxDxH) - with stand	54 cm x 20.9 cm x 41.5 cm
Weight	3.5 kg
Environmental Standards	ENERGY STAR Qualified
Compliant Standards	Plug and Play, FCC Class B certified, TUV, BSMI, ICES-003, SEMKO, DDC/CI, RoHS, Lead-Free, ISO 9241-307, KCC, WEEE, TCO Displays, cETLus, RCM, CU

## Extended Specification

### General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Class	Class A
Energy Consumption per Year	31 kWh
Power Consumption (On mode)	21 W
Diagonal Size	24"
Viewable Size	23.8"
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 60 Hz
Pixel Pitch	0.275 mm
Brightness	250 cd/m <sup>2</sup>
Contrast Ratio	1000:1 / 10000000:1 (dynamic)
Colour Support	16.7 million colours
Response Time	5 ms (grey-to-grey)

Vertical Refresh Rate	56 - 76 Hz
Horizontal Refresh Rate	30 - 83 kHz
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Backlight Technology	WLED
OSD Languages	Hungarian, Czech, Chinese (traditional), Chinese (simplified), Ukrainian, Brazilian Portuguese, English, German, French, Italian, Portuguese, Polish, Finnish, Swedish, Russian, Spanish, Dutch
Features	Sync on Green, sRGB colour management, SmartResponse, SmartContrast, SmartImage, edge-to-edge Mode, Flicker Free technology, Ultra Narrow Border, Mercury free, Wide Viewing Angle, EasyRead
Colour	Textured black
Dimensions (WxDxH)	54 cm x 20.9 cm x 41.5 cm - with stand
Weight	3.5 kg

#### Audio

Type	Speakers - stereo
Output Power / Channel	2 Watt

#### Connectivity

Interfaces	VGA HDMI (HDCP) DVI-D (HDCP) Headphones Audio line-in
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#### Mechanical

Display Position Adjustments	Tilt
Tilt Angle	-5/+20
VESA Mounting Interface	100 x 100 mm

#### Miscellaneous

Features	Security lock slot (cable lock sold separately)
Cables Included	1 x VGA cable 1 x audio cable
MTBF	50,000 hour(s)
Compliant Standards	Plug and Play, FCC Class B certified, TUV, BSMI, ICES-003, SEMKO, DDC/CI, RoHS, Lead-Free, ISO 92 Displays, cETLus, RCM, CU

#### Power

Voltage Required AC 120/230 V (50/60 Hz)

Power Consumption 0.5 Watt  
Stand by

Power Consumption 0.5 Watt  
(Off Mode)

#### Software / System Requirements

OS Required Apple MacOS X, Microsoft Windows 7 / 8 / 8.1 / 10

#### Dimensions & Weight

Dimensions & Weight Details  
With stand - width: 54 cm - depth: 20.9 cm - height: 41.5 cm - weight: 3.5 kg  
Without stand - width: 54 cm - depth: 4.5 cm - height: 32.5 cm - weight: 3.1 kg

#### Environmental Standards

ENERGY STAR Certified Yes

#### Environmental Parameters

Min Operating Temperature 0 °C

Max Operating Temperature 40 °C

Humidity Range Operating 20 - 80%

## What's in the box

Philips V-line 243V7QDAB  
VGA cable  
Audio cable

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