



Full HD LCD monitor

- V Line
- 24 (23.8"/60.5 cm diag.)
- Full HD (1920 x 1080)

243V7QJAB/01

Vivid, crisp images, from edge to edge

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

Benefits

Vivid pictures every time

- IPS LED wide view technology for image and colour accuracy
- 16:9 Full HD display for crisp, detailed images
- Narrow-border display for a seamless appearance
- SmartContrast for rich black details
- SmartImage pre-sets for easy optimised image settings

Easy on the eyes

- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity

- EasyRead mode for a paper-like reading experience

Experience true multimedia

- Built-in speakers for audio without desktop clutter
- SmartConnect with DisplayPort, HDMI and VGA connections

Perfectly designed for your space

- VESA mount allows for flexibility

PHILIPS

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 colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

16:9 Full HD display



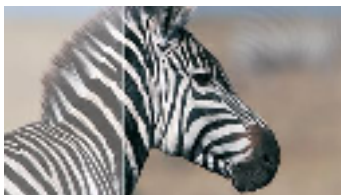
Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

Ultra-narrow Border



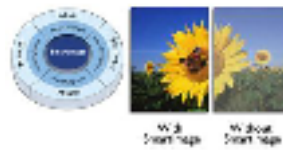
The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setups like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large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

SmartContrast



SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours 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.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises 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 optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option 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 new 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 software technology to reduce harmful shortwave blue light.

EasyRead mode



Built-in speakers

A pair of stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing etc, depending on model and design.

SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multiple connections like VGA, Display Port and universal HDMI connector, enabling you to enjoy high-resolution uncompressed video and audio content. USB connections ensure that you can have super-speed data transfers while having global connectivity. Regardless of what source you use, you can rest assured that this Philips display will ensure your investment is not made obsolete any time soon!

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	23.8 inch/60.5 cm
Effective viewing area	527.04 (H) x 296.46 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Pixel Density	93 PPI
Response time (typical)	5 ms (GtG)*
Brightness	250 cd/m ²
SmartContrast	10,000,000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.275 x 0.275 mm
Viewing angle	178° (H)/178° (V) @ C/R > 10
Flicker-free	Yes
Display colours	16.7 M
Scanning Frequency	30-83 kHz (H) / 56-76 Hz (V)
LowBlue Mode	Yes
sRGB	Yes

Connectivity

Signal Input	VGA (Analogue) HDMI (digital, HDCP) DisplayPort 1.2
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	PC audio-in Headphone out

Convenience

Built-in Speakers	2 W x 2
User convenience	Power On/Off Menu/OK Volume/Up Input/Down SmartImage/Back
OSD Languages	Brazil Portuguese Czech Dutch English Finnish French German Greek Hungarian Italian Japanese Korean Polish Portuguese Russian Spanish Simplified Chinese Swedish Turkish Traditional Chinese Ukrainian
Other convenience	Kensington lock VESA mount (100 x 100 mm)
Plug and Play Compatibility	DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7

Stand

Tilt	-5/20 degree
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Power

On mode	13.82 W (typ.) (EnergyStar 7.0 test method)
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Standby mode	0.5 W (typ.)
Off mode	0.5 W (typ.)
Power LED indicator	Operation - White Standby mode - White (flashing)
Power supply	Built-in 100-240 VAC, 50-60 Hz

Dimensions

Product with stand (mm)	540 x 415 x 209 mm
Product without stand (mm)	540 x 325 x 45 mm
Packaging in mm (W x H x D)	588 x 465 x 115 mm

Weight

Product with stand (kg)	3.50 kg
Product without stand (kg)	3.08 kg
Product with packaging (kg)	4.82 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
MTBF	50 000 (Excluded backlight) hour(s)

Sustainability

Environmental and energy	EnergyStar 7.0 EPEAT Gold RoHS Lead-free Mercury Free
Recyclable packaging material	100 %

Compliance and standards

Regulatory Approvals	CU SEMKO cETLus TUV/ISO9241-307 WEEE TCO certified CE Mark FCC Class B ICES-003 RCM UKRAINIAN KCC BSMI TUV Cert. — blue light cut-off
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Cabinet

Colour	Black
Finish	Textured

What's in the box?

Monitor with stand	Yes
Cables	D-Sub cable, Audio cable, Power cable
User Documentation	Yes

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* Response time value equal to SmartResponse



data subject to change
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