LCD monitor

• V Line
• 27" (68.6 cm)
• 1920 x 1080 (Full HD)

271V8B/89

Vivid and crisp imagery that pushes boundaries

The Philips V line monitor gives an unmatched viewing experience that goes beyond boundaries while also providing added value with its essential features, such as Anti-glare, LowBlue mode, Adaptive Sync, Flicker-Free, and more.

Benefits

Vivid pictures every time
• IPS LED wide view technology for image and color accuracy
• 100Hz refresh rates for ultra-smooth images
• 16:9 Full HD display for crisp detailed images
• SmartImage presets for easy optimized image settings
• SmartContrast for rich black details
• Effortlessly smooth action with Adaptive-Sync technology

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
• HDMI ensures universal digital connectivity

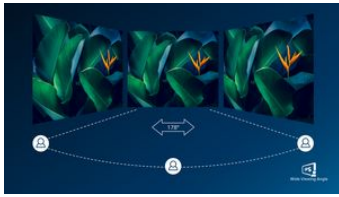### Perfectly designed for your space
• VESA mount allows for flexibility

PHILIPS

Features

IPS technology

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

100Hz Fast refresh

This Philips display refreshes the screen image up to 100 times per second which makes this monitor much faster than a standard display. With a 100Hz frame rate, gamers are able to find those critical images on the screen that show enemy movement in an ultra-smooth motion so that they are easily targetable.

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.

SmartImage

SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized 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 option offers you major power savings. All in real time with the press of a single button!

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.

Adaptive-Sync technology

Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.
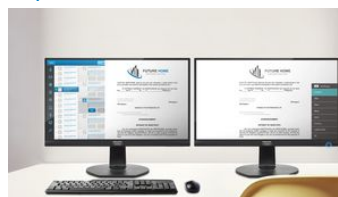
Flicker-free technology

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, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

EasyRead mode

Monitor

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).

Specifications

[field not found 'disclaimer_text']

Picture/Display

LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	27 inch / 68.6 cm
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	597.9 (H) x 336.3 (V)
Aspect ratio	16:9
Maximum resolution	1920 x 1080 @ 100 Hz*
Pixel Density	81.59 PPI
Response time (typical)	4 ms (GtG)*
Brightness	250 cd/m²
Contrast ratio (typical)	1300:1
SmartContrast	Mega Infinity DCR
Pixel pitch	0.3114 x 0.3114 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Display colors	16.7 M (8 bit)
Scanning Frequency	30 - 115 kHz (H) / 48 - 100 Hz (V)
LowBlue Mode	Yes
EasyRead	Yes
sRGB	Yes
Adaptive sync	Yes

Connectivity

Signal Input	VGA (Analog), HDMI 1.4
HDCP	HDCP 1.4 (HDMI)
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	Audio out

Convenience

User convenience	Power On/Off Menu/OK Brightness/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

Plug & Play Compatibility	VESA mount (100x100mm) DDC/CI Mac OS X sRGB Windows 11 / 10 / 8.1 / 8

Stand

Tilt	-5/20 degree

Power

On mode	17.5 W (typ.)
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(max height)	613 x 456 x 231 mm
Product without stand (mm)	613 x 363 x 50 mm
Packaging in mm (WxHxD)	663 x 464 x 131 mm

Weight

Product with stand (kg)	3.82 kg
Product without stand (kg)	3.39 kg
Product with packaging (kg)	5.29 kg

Operating conditions

Temperature range (operation)	0°C to 40 °C
Temperature range (storage)	-20°C to 60 °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	30,000 (Excluded backlight) hour(s)

Sustainability

Environmental and energy	RoHS
Recyclable packaging material	100 %
Specific Substances	Mercury free PVC / BFR free housing

Compliance and standards

Regulatory Approvals	CB CE Mark CCC CECP CEL FCC Class B

data subject to change
2023, June 18

Monitor

ICES-003

Cabinet

Color   Black
Finish   Textured

Design

Designed in   Yes
Amsterdam, NL

* The maximum resolution works for HDMI input only.
* Response time value equal to SmartResponse
* The monitor may look different from feature images.

www.philips.com