LCD monitor

- E Line
- 27" (68.6 cm)
- 1920 x 1080 (Full HD)

272E1SA/00

Simply stunning

The 27" E Line monitor features stunning visuals and elegant design for a stylish enhancement to your workspace. Experience crisp Full HD visuals, and smooth action with AMD FreeSync technology.

Benefits

Superb Picture Quality

- IPS LED wide view technology for image and color accuracy
- 1ms (MPRT) fast response for crisp image and smooth gameplay
- 16:9 Full HD display for crisp detailed images
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- SmartContrast for rich black details
- SmartImage game mode optimized for gamers

Features designed for you

- Less eye fatigue with Flicker-free technology

- LowBlue Mode for easy on-the-eyes productivity
- HDMI ensures universal digital connectivity
- Built-in stereo speakers for multimedia
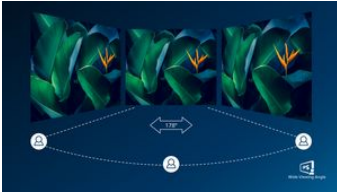- DisplayPort connection for maximum visuals

Greener everyday

- Mercury Free eco-friendly display

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.

1ms MPRT fast response

MPRT (motion picture response time) is more intuitive way to describe the response time, which directly refers the duration from seeing blurry noise to clean and crisp images. Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers shaper and precise visuals to enhance gaming experience. Best choice for playing thrilling and twitch-sensitive games.

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.

Ultra-smooth gaming

Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid, artifact-free performance at virtually any framerate with AMD FreeSync™ technology, smooth quick refresh and ultra-fast response time.

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.

SmartImage Game mode

The new Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

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.

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).

Built-in stereo speakers

A pair of high quality 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.

DisplayPort connection

DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

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	IPS technology
AMD FreeSync™ technology	Yes
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) mm
Aspect ratio	16:9
Maximum resolution	1920 x 1080 @ 75 Hz*
Pixel Density	82 PPI
Response time (typical)	1 ms (MPRT)
Brightness	300 cd/m²
Contrast ratio (typical)	1000:1
SmartContrast	Mega Infinity DCR
Pixel pitch	0.311 x 0.311 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Picture enhancement	SmartImage game
Color gamut (typical)	NTSC 86%*, sRGB 101%*
Display colors	16.7 M
Scanning Frequency	30 - 160 kHz (H) / 48 - 76 Hz (V)
sRGB	Yes
Flicker-free	Yes
LowBlue Mode	Yes

Connectivity

Signal Input	VGA (Analog) DisplayPort x 1 HDMI (digital, HDCP)
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	PC audio-in Headphone out

Convenience

Built-in Speakers	3 W x 2

User convenience

User convenience	Power On/Off Menu Volume Input SmartImage Game
OSD Languages	Brazil Portuguese Czech Dutch English Finnish French German Greek Hungarian Italian Japanese Korean Polish Portuguese Russian Simplified Chinese Spanish Swedish Traditional Chinese Turkish Ukrainian
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	26.5 W (typ.)
Standby mode	< 0.5 W (typ.)
Off mode	< 0.3 W (typ.)

data subject to change
2023, June 19

Energy Label Class	F	Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
Power LED indicator	Operation - White Standby mode- White (blinking)	MTBF	50,000 hrs (excluding backlight) hour(s)
Power supply	External 100-240VAC, 50-60Hz		

Dimensions

Product with stand (mm)	613 x 461 x 195 mm
Product without stand (mm)	613 x 368 x 42 mm
Packaging in mm (WxHxD)	655 x 511 x 118 mm

Weight

Product with stand (kg)	3.96 kg
Product without stand (kg)	3.27 kg
Product with packaging (kg)	5.85 kg

Operating conditions

Temperature range (operation)	0 to 40 °C
Temperature range (storage)	-20 to 60 °C
Relative humidity	20%-80 %

Sustainability

Environmental and energy	RoHS Mercury Free
Recyclable packaging material	100 %

Compliance and standards

Regulatory Approvals	CE Mark CU-EAC TUV/ISO9241-307 TUV-BAUART

Cabinet

Color	Black
Finish	Textured

What's in the box?

Monitor with stand	Yes
Cables	HDMI cable, Audio cable, Power cable
User Documentation	Yes

www.philips.com