

Philips E-line 275E2FAE(275E2FAE/00)

Philips E-line 275E2FAE - LED monitor - 27" - 2560 x 1440 QHD @ 75 Hz - IPS - 350 cd/m² - 1000:1 - 1 ms - 2xHDMI, DisplayPort - speakers - textured black



The Philips E line monitor with 4 sides, narrow border and cable management design offers a stylish enhancement to your workspace. Experience crystal-clear Quad HD visuals, 1 ms and Sync technology for smooth gaming action.

Key Selling Points

- 4-sided frameless display
- SmartContrast for rich black details
- 1 ms (MPRT) fast response for crisp images and smooth gameplay
- SmartImage game mode optimized for gamers
- LowBlue Mode for easy-on-the-eyes productivity
- Cable management reduces cable clutter for a neat workspace
- IPS LED wide view technology for image and color accuracy
- Built-in stereo speakers for multimedia

Product Features

4-sided frameless display

Extremely minimizing 4 sided bezels on this virtually frameless display give a minimalist look and offer an expansive viewing experience. Expands your productivity and makes you focus on the vivid images with seamless visions. Significant wide view without distraction and even multi monitor set-up in pivot mode.

SmartContrast for rich black details

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.

1 ms (MPRT) fast response for crisp images and smooth gameplay

MPRT (motion picture response time) is a more intuitive way to describe response time, which directly refers to the duration between seeing blurry noise and clean, crisp images. The Philips console gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur and delivers sharper and more precise visuals to enhance your gaming experience.

SmartImage game mode optimized for gamers

The 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 the display with the fastest response time and high color, along with image adjustments. "RTS" mode (Real-time strategy) has a special SmartFrame mode that 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.

LowBlue Mode for easy-on-the-eyes productivity

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.

Cable management reduces cable clutter for a neat workspace

Cable management is an intimate design that maintains a tidy workspace by organizing the cables and wires required for the operation of a display device.

IPS LED wide view technology for image and color accuracy

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.

Built-in stereo speakers for multimedia

A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

Main Specifications

Product Description	Philips E-line 275E2FAE - LED monitor - 27"
Device Type	LED-backlit LCD monitor - 27"
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/386842
Energy Class	Class F
Energy Consumption per Year	56 kWh
Power Consumption (On mode)	26.1 W
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	QHD 2560 x 1440 at 75 Hz
Pixel Pitch	0.2331 mm
Brightness	350 cd/m²
Contrast Ratio	1000:1
Response Time	4 ms (grey-to-grey), 1 ms (MPRT)
Colour Support	16.7 million colours
Colour Gamut	101.6% NTSC (CIE 1976), 115.6% sRGB (CIE 1931)
Input Connectors	2xHDMI, DisplayPort
Display Position Adjustments	Height, tilt
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Voltage	AC 120/230 V (50/60 Hz)
Colour	Textured black
Dimensions (WxDxH) - with stand	61.4 cm x 23.4 cm x 47.5 cm
Weight	5.23 kg
Environmental Standards	TCO Certified Displays 8, ENERGY STAR Qualified
Compliant Standards	Plug and Play, FCC Class B certified, TUV, ICES-003, CB, DDC/CI, RoHS, Lead-Free, ISO 9241-307, TUV Bauart, EPA, CU-EAC, Mercury-free, EAEU RoHS
Manufacturer Warranty	2-year warranty

Extended Specification

General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/386842
Energy Class	Class F
Energy Consumption per Year	56 kWh
Diagonal Size	27"
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	QHD 2560 x 1440 at 75 Hz
Pixel Pitch	0.2331 mm
Pixel Per Inch	109
Brightness	350 cd/m²
Contrast Ratio	1000:1

Colour Support	16.7 million colours
Colour Gamut	101.6% NTSC (CIE 1976), 115.6% sRGB (CIE 1931)
Response Time	4 ms (grey-to-grey), 1 ms (MPRT)
Vertical Refresh Rate	48 - 75 Hz
Horizontal Refresh Rate	30 - 144 kHz
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Backlight Technology	WLED
OSD Languages	Multilingual
Features	SmartContrast, game mode, Smart Frame, integrated cable management, SmartImage Game, Mega Infinity Dynamic Contrast Ratio, Low Blue Light Mode, Flicker Free technology, RTS Mode, Adaptive-Sync technology, EasySelect Menu Toggle Key, EasyRead, sRGB Mode, Racing Mode, 4-side narrow bezels
Colour	Textured black
Dimensions (WxDxH)	61.4 cm x 23.4 cm x 47.5 cm - with stand
Weight	5.23 kg

Manufacturer Warranty

Service & Support	Limited warranty - 2 years
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Miscellaneous

Features	Security lock slot (cable lock sold separately)
Cables Included	1 x HDMI cable
MTBF	50,000 hour(s)
Compliant Standards	Plug and Play, FCC Class B certified, TUV, ICES-003, CB, DDC/CI, RoHS, Lead-Free, ISO 9241-307, TUV Bauart, EPA, CU-EAC, Mercury-free, EAEU RoHS
Security Slot Type	Kensington security slot

Power

Input Voltage	AC 120/230 V (50/60 Hz)
Power Consumption (On mode)	26.1 W
Power Consumption SDR (On mode)	26 kWh/1000h
Power Consumption (Typical)	18.55 Watt
Power Consumption Stand by	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	20 - 80%

Audio

Type	Speakers - stereo
Output Power / Channel	3 Watt

Connectivity

Interfaces	2 x HDMI DisplayPort Audio line-out
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Dimensions & Weight

Dimensions & Weight Details	With stand - width: 61.4 cm - depth: 23.4 cm - height: 47.5 cm - weight: 5.23 kg
	Without stand - width: 61.4 cm - depth: 3.8 cm - height: 35.4 cm - weight: 3.43 kg

Dimensions & Weight (Shipping)

Shipping Width	67.8 cm
Shipping Depth	15.3 cm
Shipping Height	50.4 cm
Shipping Weight	7.59 kg

Mechanical

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

Sustainability Information

TCO Certified	TCO Certified Displays 8
ENERGY STAR Certified	Yes
ENERGY STAR Version	8.0

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