Philips E-line 242E1GAEZ - LED monitor

24" (23.8" viewable) - 1920 x 1080 Full HD (1080p) @ 144 Hz - VA - 350 cd/m² - 3500:1 - 1 ms - HDMI - DisplayPort - speakers - black/dark chrome textured

Group	Flat Screens
Manufacturer	Philips
Manufacturer item no.	242E1GAEZ/00
EAN/UPC	8712581770686

Description

The Philips E line gaming monitor is a great all-around display that delivers serious tear-free gameplay. Sync technology, 144 Hz fast refresh rate and 1 ms deliver smooth entertainment experience no matter whether playing games and watching movies.

Main features

Product Description	Philips E-line 242E1GAEZ - LED monitor - Full HD (1080p) - 24"
Device Type	LED-backlit LCD monitor - 24"
Energy Class	Class F
Power Consumption (On mode)	19.2 W
Panel Type	VA
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 144 Hz
Pixel Pitch	0.2745 mm
Brightness	350 cd/m²
Contrast Ratio	3500:1
Response Time	4 ms (grey-to-grey); 1 ms (MPRT)
Colour Support	16.7 million colours
Input Connectors	HDMI, DisplayPort
Display Position Adjustments	Height, tilt
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Voltage	AC 120/230 V (50/60 Hz)
Colour	Black/dark chrome textured
Dimensions (WxDxH) - with stand	54 cm x 18.7 cm x 49.8 cm
Weight	4.1 kg
Environmental Standards	ENERGY STAR Qualified
Compliant Standards	TUV GS, CB, TUV Ergo, RoHS, EPA, CU-EAC, EAEU RoHS

Extended details

	General
Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Class	Class F
Diagonal Size	24"
Viewable Size	23.8"
Panel Type	VA
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 144 Hz
Pixel Pitch	0.2745 mm
Pixel Per Inch	93
Brightness	350 cd/m²
Contrast Ratio	3500:1
Colour Support	16.7 million colours
Response Time	4 ms (grey-to-grey); 1 ms (MPRT)
Vertical Refresh Rate	48 - 144 Hz
Horizontal Refresh Rate	30 - 200 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	sRGB colour management, Lead-free, SmartImage Game, Mega Infinity Dynamic Contrast Ratio, Low Blue Light Mode, Flicker Free technology, Mercury free, Adaptive-Sync technology, EasyRead, 96.1% NTSC (CIE 1976) colour gamut, 125.9% sRGB (CIE 1931) colour gamut
Colour	Black/dark chrome textured
Dimensions (WxDxH)	54 cm x 18.7 cm x 49.8 cm - with stand
Weight	4.1 kg
	Audio
Type	Speakers - stereo
Output Power / Channel	3 Watt
	Connectivity
Interfaces	HDMI (HDCP) ¦ DisplayPort ¦ Audio line-out
	Mechanical
Display Position Adjustments	Height, tilt
Tilt Angle	-5/+20
Height Adjustment	100 mm
VESA Mounting Interface	100 x 100 mm
	Miscellaneous
Features	Security lock slot (cable lock sold separately)
Cables Included	1 x HDMI cable ¦ 1 x DisplayPort cable
MTBF	50,000 hour(s)

Compliant Standards	TUV GS, CB, TUV Ergo, RoHS, EPA, CU-EAC, EAEU RoHS
Security Slot Type	Kensington security slot
	Power
Input Voltage	AC 120/230 V (50/60 Hz)
Power Consumption (On mode)	19.2 W
Power Consumption SDR (On mode)	19.2 kWh/1000h
Power Consumption (Typical)	13.92 Watt
Power Consumption Stand by	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt
	Dimensions & Weight
Dimensions & Weight Details	With stand (highest position) - width: 54 cm - depth: 18.7 cm - height: 49.8 cm - weight: 4.1 kg ¦ Without stand - width: 54 cm - depth: 4.3 cm - height: 32.5 cm - weight: 2.54 kg
	Dimensions & Weight (Shipping)
Shipping Width	59 cm
Shipping Depth	19.6 cm
Shipping Height	57.1 cm
Shipping Weight	6.55 kg
	Environmental Standards
ENERGY STAR Certified	Yes
ENERGY STAR Version	8.0
	Environmental Parameters
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	20 - 80%

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