

PHILIPS

Philips E Line 242E1GAJ/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black, Chrome

Brand : Philips

Product family: E Line

Product code: 242E1GAJ/00

Product name : 242E1GAJ/00

Monitor 242E1GAJ Gaming monitor

Philips E Line 242E1GAJ/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black, Chrome:

The Philips E line gaming monitor is a great all-around display that delivers serious tear-free gameplay. AMD FreeSync™, 144 Hz fast refresh rate and 1 ms deliver a smooth entertainment experience whether you're playing games or watching movies.

Philips E Line 242E1GAJ/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Display surface: Matt, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). VESA mounting. Product colour: Black, Chrome



Display

Display diagonal *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
HD type *	Full HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	VA
Backlight type	W-LED
Touchscreen *	✗
Display brightness (typical)	350 cd/m ²
Response time *	4 ms
Display surface	Matt
Anti-glare screen	✓
Screen shape *	Flat
Supported graphics resolutions	1920 x 1080 (HD 1080)
Supported video modes	1080p
Aspect ratio	4:3, 16:9
Contrast ratio (typical) *	3500:1
Dynamic contrast ratio marketing name	Mega Contrast
Maximum refresh rate *	144 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Response time (fast)	1 ms
Pixel pitch	0.2745 x 0.2745 mm
Pixel density	93 ppi
Horizontal scan range	30 - 160 kHz
Vertical scan range	48 - 144 Hz
Viewable size, horizontal	52.7 cm
Viewable size, vertical	29.6 cm
Digital horizontal frequency	30 - 160 kHz

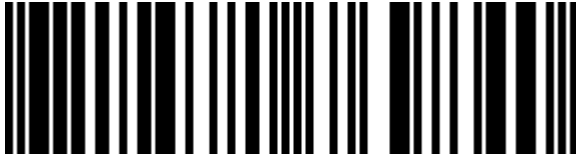
Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✗
Tilt adjustment	✓
Tilt angle range	-5 - 20°
On Screen Display (OSD)	✓
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Number of OSD languages	21
Plug and Play	✓
LED indicators	Operation, Stand-by

Power

Energy efficiency class (SDR) *	E
Energy consumption (SDR) per 1000 hours *	17 kWh
Power consumption (typical) *	14.83 W
Power consumption (standby) *	0.5 W
Power consumption (average)	14.83 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power supply type	External
Energy efficiency scale	A+++ to D
European Product Registry for Energy Labelling (EPREL) code	416773

Display		Operational conditions	
Digital vertical frequency	48 - 144 Hz	Operating temperature (T-T)	0 - 40 °C
Display diagonal (metric)	60.5 cm	Storage temperature (T-T)	-20 - 60 °C
DDC/CI	✓	Operating relative humidity (H-H)	20 - 80%
Haze rate	25%	Operating altitude	0 - 3658 m
Surface hardness	3H	Non-operating altitude	0 - 12192 m
Colour gamut standard	sRGB	Weight & dimensions	
Colour gamut	96.1%	Width (with stand)	540 mm
sRGB coverage (typical)	125.9%	Depth (with stand)	207 mm
NTSC coverage (typical)	96.1%	Height (with stand)	414 mm
Display sRGB	✓	Weight (with stand)	3.07 kg
Performance		Width (without stand)	540 mm
NVIDIA G-SYNC *	✗	Depth (without stand)	43 mm
AMD FreeSync *	✓	Height (without stand)	325 mm
AMD FreeSync type	FreeSync Premium	Weight (without stand)	2.49 kg
Component video sync	Separate sync	Packaging data	
Flicker-free technology	✓	Package width	586 mm
Low Blue Light technology	✓	Package depth	148 mm
Multimedia		Package height	476 mm
Number of speakers	2	Package weight	4.83 kg
RMS rated power	3 W	Package type	Box
Built-in speaker(s) *	✓	Packaging content	
Built-in camera *	✗	Stand included	✓
Design		Cables included	DisplayPort, HDMI, AC
Market positioning *	Gaming	Manual	✓
Product colour *	Black, Chrome	Sustainability	
Frameless design	✓	Sustainability certificates	ENERGY STAR
Front bezel colour	Black	Doesn't contain	Mercury, PVC/BFR
Detachable stand	✓	Other features	
Feet colour	Black	Exterior finish type	Textured
Ports & interfaces		Picture enhancement	SmartImage game
Built-in USB hub *	✗	Recyclable packaging material	100%
DVI port	✗	Regulatory Approvals	CB; TUV/ISO9241-307; TUV-BAUART; CU-EAC; EAEU RoHS; MEPS; RCM; PSB; CE Mark
HDMI *	✓	Heavy metals free	Hg (mercury), Pb (lead)
HDMI ports quantity	1	EasyRead mode	✓
DisplayPorts quantity	1	LowBlue mode	✓
Audio output	✓	Compliance certificates	RoHS
PC Audio in	✓	Mean time between failures (MTBF)	50000 h
HDCP	✓	Certification	CB, TUV/ISO9241-307, TUV-BAUART, CU-EAC, EAEU RoHS, MEPS, RCM, PSB, CE Mark
DC-in jack	✓	Logistics data	
		Harmonized System (HS) code	85285210



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