

Full HD LCD monitor

Monitor

1000 series

24 (23.8" / 60.5 cm diag.)

1920 x 1080 (Full HD)

24E1N1100A



Work in style

Experience productivity in Full HD. This monitor is equipped with essentials for the workplace, such as LowBlue mode to protect the eyes, IPS LED wide view technology for high-quality imagery, and 1ms MPRT for sharp visuals.

Features designed for you

- EasySelect menu toggle key for quick on-screen menu access
- EasyRead mode for a paper-like reading experience
- Cable management reduces cable clutter for neat workspace
- LowBlue mode and Flicker-free easy-on-the eyes viewing

Easy to experience

- Built-in stereo speakers for multimedia
- VESA mount for convenience
- HDMI ensures universal digital connectivity

Superb Picture Quality

- 100Hz refresh rates for ultra-smooth images
- 16:9 Full HD display for crisp detailed images
- IPS LED wide view technology for image and color accuracy
- 1ms (MPRT) fast response for crisp image and smooth gameplay

Monitor

Full HD LCD monitor

24E1N1100A/70

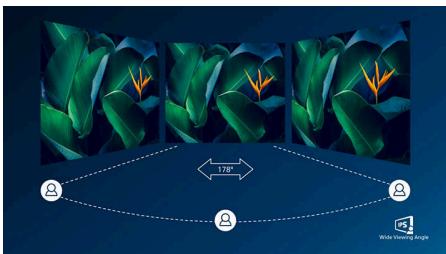
Highlights

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.

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 give 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.

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.

LowBlue Mode & Flicker-free



Our LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.

EasyRead mode



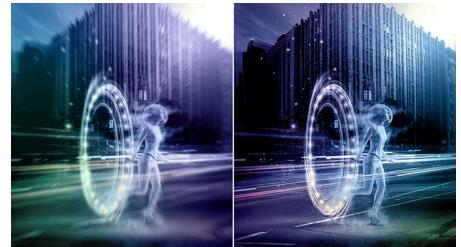
EasyRead mode for a paper-like reading experience

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.

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 sharper and precise visuals to enhance gaming experience. Best choice for playing thrilling and twitch-sensitive games.

Cable management



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

EasySelect Menu Toggle Key



The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.



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Specifications

Picture/Display

Panel Size: 23.8 inch / 60.5 cm

Aspect ratio: 16:9

LCD panel type: IPS technology

Backlight type: W-LED system

Pixel pitch: 0.2745 x 0.2745 mm

Brightness: 300 cd/m²

Display colors: 16.7 M

Color gamut (typical): DCI-P3:81.39%, NTSC 89.36%, Adobe RGB 87.82%, sRGB: 102.66%*

Contrast ratio (typical): 1500:1

SmartContrast: Mega Infinity DCR

Response time (typical): 4 ms (Gray to Gray)*

Viewing angle: 178° (H) / 178° (V), @ C/R > 10

Picture enhancement: SmartImage

Maximum resolution: 1920 x 1080 @ 100 Hz

Effective viewing area: 527.04 (H) x 296.46 (V)

Scanning Frequency: VGA: 30 KHz - 85 KHz (H) / 48 Hz - 60 Hz (V); HDMI: 30 KHz - 115 KHz (H) / 48 Hz - 100 Hz (V)

sRGB

Flicker-free

Pixel Density: 92.56 PPI

LowBlue Mode

Display Screen Coating: Anti-Glare, 3H, Haze 25%

MPRT: 1 ms

EasyRead

Adaptive sync

Connectivity

Signal Input: VGA x 1, HDMI 1.4 x 1

Sync Input: Separate Sync

Audio (In/Out): Audio out, Audio-in

HDCP: HDCP 1.4 (HDMI)

Convenience

Built-in Speakers: 2W x 2

Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10

User convenience: Power On/Off, Menu, Volume, Input, SmartImage

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)

Stand

Tilt: -5/20 degree

Power

Power supply: Internal, 100-240VAC, 50-60Hz

Off mode: 0.3 W (typ.)

On mode: 14.5 W (typ.)

Standby mode: 0.5 W (typ.)

Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 610 x 370 x 124 mm

Product without stand (mm): 542 x 316 x 45 mm

Product with stand(max height): 542 x 417 x 180 mm

Weight

Product with packaging (kg): 4.68 kg

Product with stand (kg): 2.92 kg

Product without stand (kg): 2.57 kg

Operating conditions

Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)

Temperature range (operation): 0 to 40 °C

MTBF: 50,000 hrs (excluding backlight) hour(s)

Relative humidity: 20%-80 %

Temperature range (storage): -20 to 60 °C

Sustainability

Environmental and energy: RoHS

Recyclable packaging material: 100 %

Specific Substances: Mercury free

Compliance and standards

Regulatory Approvals: ETL, CEC, CB, CE Mark, UKCA, EMF, FCC, ICES-003, EnergyStar 8.0

Cabinet

Color: Black

Finish: Textured



* DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area and Adobe RGB Area based on CIE1976

* For best output performance, please always ensure that your graphic card is capable of achieving the maximum resolution and refresh rate of this Philips display.

* Response time value equal to SmartResponse

* MPRT is to adjust brightness for blur reduction, so cannot adjust brightness while MPRT is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change.

* MPRT is gaming-optimized mode. Turn on MPRT may cause noticeable screen flickering. It is recommended to turn off when you are not using the gaming function.

* The products and accessories listed on this leaflet may differ by country and region.

* The monitor may look different from feature images.