

# PHILIPS

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 1 ms 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 a 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

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

# Monitor

Full HD LCD monitor

24E1N1100A/01

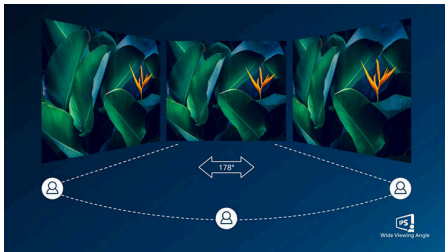
## Highlights

### 100 Hz fast refresh



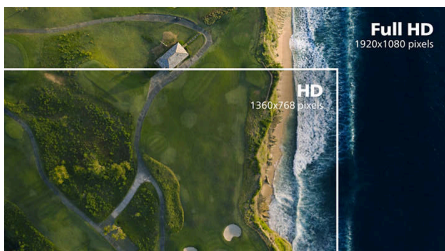
This Philips display refreshes the screen image up to 100 times per second which makes this monitor much faster than a standard display. With a 100 Hz frame rate, gamers are able to find those critical images on the screen that show enemy movement in an ultra-smooth motion so that they are easily targetable.

### IPS technology



IPS displays use an advanced technology 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 colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour 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 colours, expect a true-to-life picture.

### Built-in stereo speakers



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.

### LowBlue Mode and 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

### 1 ms MPRT fast response



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 gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur and delivers sharper and more precise visuals to enhance your gaming experience. The best choice for playing thrilling and twitch-sensitive games.

### Cable management



Cable management is an intimate design that maintains a tidy workspace by organising the 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.



Built-in Speaker



LowBlue Mode



EasyRead



Fast Response  
1ms MPRT



EasySelect

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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: 250 cd/m<sup>2</sup>

Display colours: 16.7 M

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

Contrast ratio (typical): 1300:1

SmartContrast: Mega Infinity DCR

Response time (typical): 4 ms (Grey to Grey)\*

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: 2 W x 2

Plug and 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 (100 x 100 mm)

### Stand

Tilt: -5/20 degree

### Power

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

Off mode: 0.3 W (typ.)

On mode: 15.2 W (typ.)

Standby mode: 0.5 W (typ.)

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

### Dimensions

Packaging in mm (W x H x D):

610 x 378 x 126 mm

Product without stand (mm): 541 x 322 x 34 mm

Product with stand (max height):

541 x 416 x 180 mm

### Weight

Product with packaging (kg): 4.55 kg

Product with stand (kg): 2.51 kg

Product without stand (kg): 2.23 kg

### Operating conditions

Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)

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, Energy Star 8.0

### Cabinet

Colour: 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 adjusts the brightness for blur reduction, so the brightness cannot be adjusted while MPRT is turned on. To reduce motion blur, the LED backlight will strobe in time with the screen refresh rate, which may cause a noticeable change in brightness.

\* MPRT is a gaming-optimised mode. Turning on MPRT may cause noticeable screen flickering. It is recommended to turn this mode 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.