

Philips Monitor  
Full HD LCD display

### 1000 series

24 (23.8"/60.5 cm diag.)  
1920 x 1080 (Full HD)

24E1N1300AE



## Improve your productivity with USB-C connectivity

This monitor is made to keep you connected. With features like USB-C 3.2 with power delivery, users can charge their linked device and work seamlessly, all with one cable. In addition, the singular cable makes for a clean workspace.

#### Features designed for you

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

#### Easy to experience

- Connect your notebook with one USB-C cable
- 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

# PHILIPS

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# 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.

## USB-C connection



This Philips display features a USB type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB-C allows for easy, one-cable connection. You can watch high-resolution video and transfer data at super speed, while powering up and recharging your compatible device at the same time.

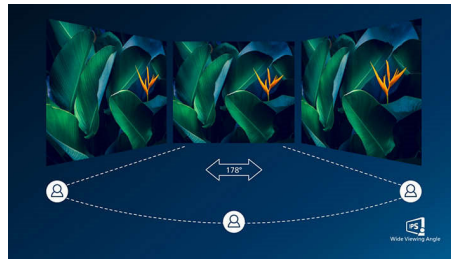
## 1 ms MPRT fast response



MPRT (motion picture response time) is a more intuitive way to describe response time,

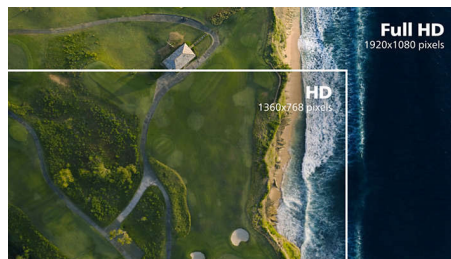
which directly refers to the duration between seeing blurry noise and clean, crisp images. The Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur and delivers sharper and more precise visuals to enhance your gaming experience. The best choice for playing thrilling and twitch-sensitive games.

## 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.

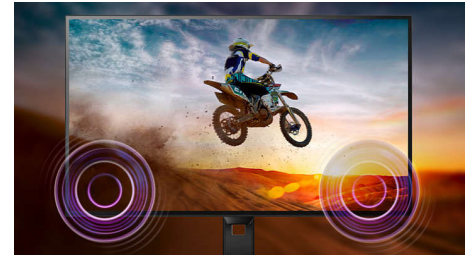
## 16:9 Full HD display



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.

24E1N1300AE/00

## 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



# Specifications

## Connectivity

- Signal Input: HDMI 1.4 x 1, USB-C x 1 (DisplayPort Alt mode, data and Power Delivery)
- Sync Input: Separate Sync
- Audio (In/Out): Audio out
- HDCP: HDCP 1.4 (HDMI/USB-C)
- USB Hub: USB 3.2 Gen 1, USB-A downstream x 2 (with 1 fast-charge B.C 1.2)

## 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
- 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 &gt; 10
- Picture enhancement: SmartImage game
- Maximum resolution: 1920 x 1080 @ 100 Hz\*
- Effective viewing area: 527.04 (H) x 296.46 (V)
- Scanning Frequency: 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

## Power Delivery

- Max power delivery: USB-C: Up to 65 W (5 V/3 A, 7 V/3 A, 9 V/3 A, 10 V/3 A, 12 V/3 A, 15 V/3 A, 20 V/3.25 A)
- Version: USB PD version 3.0

## 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 Game
- 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

- Height adjustment: 100 mm
- Tilt: -5/20 degree

## Power

- Power supply: 100–240 VAC, 50–60 Hz, Internal
- Off mode: 0.3 W (typ.)
- On mode: 18.3 W (typ.)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Energy Label Class: E

## Dimensions

- Packaging in mm (W x H x D): 730 x 391 x 141 mm
- Product without stand (mm): 542 x 316 x 45 mm
- Product with stand (max height): 542 x 442 x 187 mm

## Weight

- Product with packaging (kg): 6.97 kg
- Product with stand (kg): 4.68 kg
- Product without stand (kg): 3.06 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, PVC/BFR free housing

## Compliance and standards

- Regulatory Approvals: CB, CE Mark, TUV/ISO9241-307, TUV-BAUART, EAC, FCC, ICES-003, VCCI

## Cabinet

- Colour: Black
- Finish: Textured

## What's in the box?

- Cables: HDMI cable, USB-C to USB-C cable, Power cable
- Monitor with stand
- User Documentation



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\* The maximum resolution works for HDMI input only.

\* 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 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.

\* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode

\* For USB-C power and charging function, your Notebook/device must support USB-C standard Power Delivery specifications. Please check with your Notebook user manual or manufacturer for more details.

\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

\* 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.

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

\* The monitor may look different from feature images.