

Full HD LCD monitor

Monitor

1000 series

22 (21.5"/54.5 cm diag.)

1920 x 1080 (Full HD)

22E2N1100



Built for precision

This monitor is packed with features for absolute precision. Its Full HD resolution, along with an overclockable 120Hz refresh rate and IPS display, this monitor showcases detailed imagery with the utmost color accuracy.

Features designed for you

- Ultra Slim Bezel: for minimal edges and more screen.
- EasyRead mode for a paper-like reading experience
- LowBlue mode and Flicker-free easy-on-the eyes viewing

Good for Gaming

- 1ms (MPRT) fast response for crisp image and smooth gameplay
- 120Hz refresh rates for ultra-smooth, brilliant images
- Effortlessly smooth action with Adaptive-Sync technology

Easy to experience

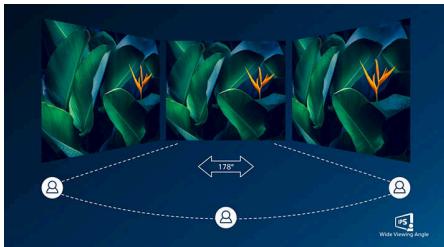
- VESA mount for convenience
- HDMI ensures universal digital connectivity

Superb Picture Quality

- SmartContrast for deep black level details
- 16:9 Full HD display for crisp detailed images
- IPS LED wide view technology for image and color accuracy

Highlights

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 gives 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.

SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

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

Ultra Slim Bezel



This monitor makes your viewing experience feel more seamless and complete by reducing the amount of frame surrounding the screen. The Ultra Slim Bezel feature makes for an elegant transition from the screen to the narrow monitor bezel; thereby making it more beautiful in form and function.

HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

VESA mount for convenience



VESA mount for convenience



Wide Viewing Angle



Full HD
1080p



SmartContrast



LowBlue Mode



EasyRead



Ultra Slim Bezel



HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE



Adaptive -Sync

Highlights

Adaptive-Sync technology



Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra fast response time.

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 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.

Overclockable 120Hz refresh rate



With an overclockable 120 Hz refresh rate, less skipped frames are ensured. You can easily target the enemy in ultra-clear, smooth motion.



Fast Response
1ms MPRT



120Hz
Overclock

Monitor

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22E2N1100/27

Specifications

Picture/Display

Panel Size: 21.5"/54.5cm

Aspect ratio: 16:9

LCD panel type: IPS

Backlight type: W-LED system

Pixel pitch: 0.2493 x 0.241 mm

Brightness: 250 cd/m²

Display colors: 16.7 M

Color gamut (typical): Adobe RGB 83.3%, DCI-P3:78.5%, sRGB: 102.1%, NTSC 86.0%*

Contrast ratio (typical): 1000:1

SmartContrast: Infinity

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

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

Picture enhancement: SmartImage

Maximum resolution: 1920x1080 @ 100 Hz (OC 120Hz)

Effective viewing area: 478.656x260.28mm

Scanning Frequency: VGA: 30KHz-85KHz

(H)/48Hz-75Hz(V), HDMI: 30KHz-140KHz

(H)/48Hz-120Hz(V)

sRGB

Flicker-free

Pixel Density: 102.46 PPI

LowBlue Mode

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

MPRT: 1ms*

EasyRead

Adaptive sync

Connectivity

Signal Input: VGAx1,HDMI1.4x1

Sync Input: Separate Sync

HDCP: HDCP1.4(HDMI)

Convenience

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

User convenience: Power On/Off, Menu, Brightness, 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: External, 100-240VAC, 50-60Hz

Off mode: 0.3 W (typ.)

On mode: 11.81 W (typ.) (EnergyStar test method)

Standby mode: 0.5 W (typ.)

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

Dimensions

Packaging in mm (WxHxD): 565 x 375 x 107 mm

Product without stand (mm): 494 x 285 x 33 mm

Product with stand(max height): 494 x 381 x 170 mm

Weight

Product with packaging (kg): 3.86 kg

Product with stand (kg): 2.03 kg

Product without stand (kg): 1.81 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, Mercury Free

Recyclable packaging material: 100 %

Compliance and standards

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

Cabinet

Color: Black

Finish: Textured



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