PHILIPS

Full HD LCD monitor

Monitor

1000 series

22 (21.5"/54.5 cm diag.)

1920 x 1080 (Full HD)

22E2N1100L



Built for precision

This monitor is packed with features for absolute precision. Its Full HD resolution, along with an overclockable 120Hz refresh rate and VA 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
- VA display delivers awesome images with wide viewing angles

Monitor

Full HD LCD monitor

22E2N1100L/70

Highlights

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



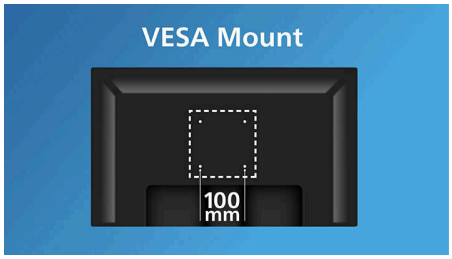
This monitor makes your viewing experience feel more seamless and complete by reducing the amount of frame surrounding the screen. The Ultra Slim Bezel feature makes for an elegant transition from the screen to the narrow monitor bezel; thereby making it more beautiful in form and function.

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

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.

Full HD 1080p

SmartContrast

LowBlue Mode

EasyRead

Ultra Slim Bezel

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

Adaptive -Sync

Fast Response **1ms** MPRT

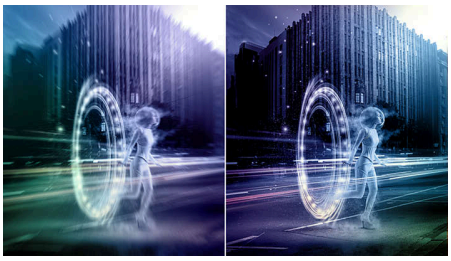
Monitor

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Highlights

1ms MPRT fast response



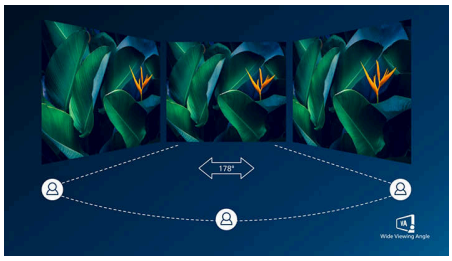
MPRT (motion picture response time) is more intuitive way to describe the response time, which directly refers the duration from seeing blurry noise to clean and crisp images. Philips monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers shaper and precise visuals to enhance 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.

VA display



Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

120Hz Overclock

Monitor

Full HD LCD monitor

22E2N1100L/70

Specifications

Picture/Display

Panel Size: 21.5"/54.5cm
Aspect ratio: 16:9
LCD panel type: VA LCD
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): DCI-P3:90.0%, sRGB: 99.6%, NTSC 98.7%, Adobe RGB 97.0%*
Contrast ratio (typical): 4000:1
SmartContrast: Infinity
Response time (typical): 4ms (Grey to Grey)*
Viewing angle: 178º (H) / 178º (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 (VRR)

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, 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: External, 100-240VAC, 50-60Hz
Off mode: 0.3 W (typ.)
On mode: 18.15 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): 3.84 kg
Product with stand (kg): 2.01 kg
Product without stand (kg): 1.79 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, CEL, CCC, CECP, UKCA, EMF, FCC, ICES-003

Cabinet

Color: Black
Finish: Textured

Design

Designed in Amsterdam, NL

* DCI-P3 Coverage based on CIE1976, sRGB Coverage 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.

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