PHILIPS

Full HD LCD monitor

Monitor

1000 series

22 (21.5"/54.5 cm diag.)

1920 x 1080 (Full HD)

22E1N1100LA

Work in style

This monitor is equipped with essentials for the workplace, such as LowBlue mode to protect the eyes. An overclockable 120Hz refresh rate and 1ms MPRT showcase detailed imagery.

Features designed for you
- EasySelect menu toggle key for quick on-screen menu access
- EasyRead mode for a paper-like reading experience
- LowBlue mode and Flicker-free easy-on-the eyes viewing

Superb Picture Quality
- VA display delivers awesome images with wide viewing angles

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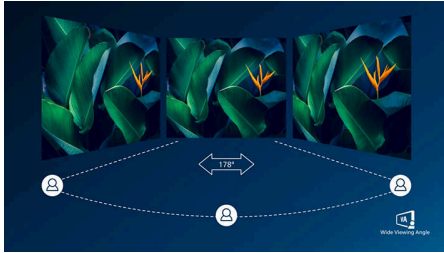- HDMI ensures universal digital connectivity
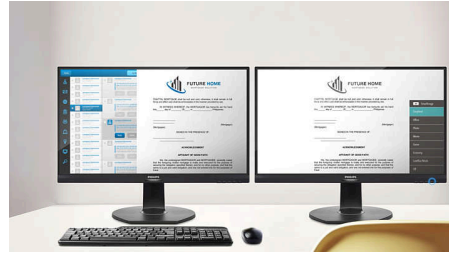
Highlights

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.

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

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.
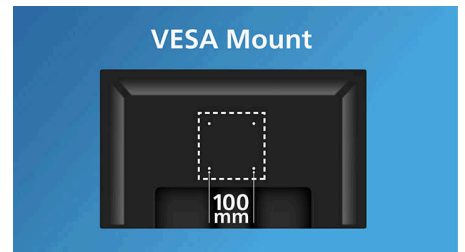
Built-in stereo speakers

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.

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
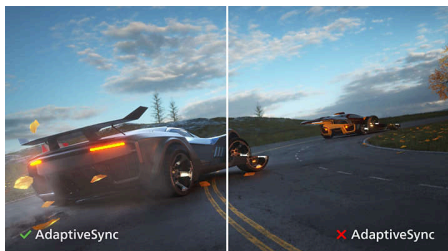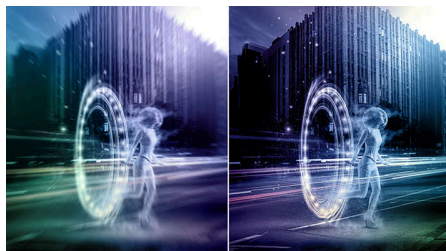

VESA mount for convenience

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 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.

Wide Viewing Angle

LowBlue Mode

EasyRead

EasySelect

Built-in Speaker

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

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): Adobe RGB 83.74%; DCI-P3:79.06%, sRGB: 102.08%, NTSC 86.93%*
Contrast ratio (typical): 4000:1
SmartContrast: Mega Infinity DCR
Response time (typical): 4 ms (Gray to Gray)*
Viewing angle: 178º (H) / 178º (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 1920 x 1080 @ 120 Hz (HDMI)*
Effective viewing area: 478.656 x 260.28mm
Scanning Frequency: VGA: 30 KHz - 85 KHz (H) / 48 Hz - 60 Hz (V); HDMI: 30 KHz - 140 KHz (H) / 48 Hz - 120 Hz (V)
sRGB
Flicker-free
Pixel Density: 102 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: 17.5 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 595x 376 x 110 mm
Product without stand (mm): 494 x 285 x 14 mm
Product with stand(max height): 494 x 380 x 180 mm

Weight

Product with packaging (kg): 4.08 kg
Product with stand (kg): 2.36 kg
Product without stand (kg): 2.01 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: PVC / BFR free housing

Compliance and standards

Regulatory Approvals: CB, CE Mark, MEPS, PSE, BSMI, VCCI, 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.