PHILIPS

Full HD LCD monitor

Monitor

2000 series

27" (68.6 cm)

1920 x 1080 (Full HD)

27E3C2200



Designed around your day

With its sleek curved design, Full HD resolution, HDR technology and 144Hz refresh rate, this 27-inch VA monitor offers a quality viewing experience. Enjoy vibrant visuals and fluid performance for work, entertainment and gaming.

Superb Picture Quality

- VA display delivers stunning images with wide viewing angles
- 16:9 Full HD display for crisp, detailed images
- SmartContrast for detailed deep black levels
- High Dynamic Range (HDR) for more lifelike, colourful visuals

Features designed for you

- Less eye fatigue with Flicker-free technology
- SoftBlue Technology: for comfortable viewing
- Built-in stereo speakers for multimedia

Good for Gaming

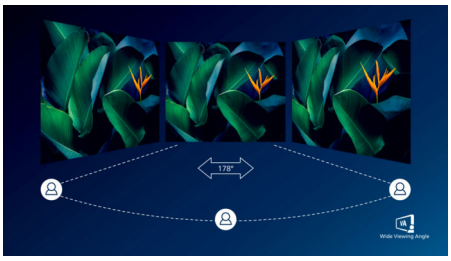
- Effortlessly smooth action with Adaptive-Sync technology
- 144Hz refresh rates for ultra-smooth, brilliant images
- 0.5 ms ultra-fast speed for crisp image and smooth gameplay

Designed for the way you work

- Curved display design for a more immersive experience

Highlights

VA display



The Philips VA LED display uses advanced multi-domain vertical alignment technology, giving you super-high static contrast ratios for exceptionally vivid and bright images. While it handles standard office applications with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphics applications. Its optimised pixel management technology gives you an extra-wide 178/178-degree viewing angle, resulting in crisp images.

16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features an 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.

SmartContrast



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

High Dynamic Range (HDR)



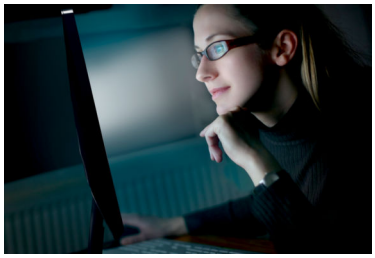
High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating colour, images come to life with much greater brightness while also featuring far deeper, more nuanced dark tones. It renders a fuller palette of rich new colours never before seen on a display, giving you a visual experience that engages your senses and inspires emotion.

Flicker-free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

SoftBlue Technology



SoftBlue LED technology, combined with the monitor's low blue light panel, is an effective solution for reducing the adverse health effects caused by high exposure to blue light. In this monitor's panel, the proportion of light is reduced by nearly 50 per cent, while the SoftBlue LED technology simultaneously reduces harmful blue light rays emitted from the screen.

Wide Viewing Angle

Full HD 1080p

HDR

Flicker-free

SoftBlue Technology

Built-in Speaker

Adaptive -Sync

CurvedDisplay

Monitor

Full HD LCD monitor

27E3C2200/00

Highlights

Built-in stereo speakers



A pair of high-quality stereo speakers built into a display device. Depending on the model and design, they may be visible and front-firing, or concealed and down-firing, top-firing, rear-firing, etc.

Adaptive-Sync technology



Gaming shouldn't mean choosing between choppy gameplay and broken frames. Get fluid, artefact-free performance at virtually any frame rate with Adaptive-Sync technology, smooth, quick refresh and an ultra-fast response time.

144Hz Gaming



You play intense, competitive games. You demand a display with lag-free, ultra-smooth images. This Philips display redraws the screen image up to 144 times per second, effectively 2.4x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. With a 144Hz frame rate, you get those critical missing images on the screen, showing enemy movement in ultra-smooth motion so you can easily target them. With ultra-low input lag and no screen tearing, this Philips display is your perfect gaming partner.

0.5 ms MPRT response



The Philips display with 0.5 ms MPRT effectively eliminates smearing and motion blur, delivering sharper, more precise visuals to enhance the gaming experience. Fast-moving action and dramatic transitions are rendered smoothly. The best choice for playing thrilling, twitch-sensitive games.

Curved display design



Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

Monitor

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27E3C2200/00

Specifications

Picture/Display

Panel Size: 27"/68.6cm
Aspect ratio: 16:9
LCD panel type: VA LCD, VA 1500R (curvature)
Backlight type: W-LED system
Pixel pitch: 0.3114x0.3114mm
Brightness: 300
Display colours: 16.7 M
Colour gamut (typical): Adobe RGB: 91.3%; DCI-P3: 95.07%, sRGB: 119.31%, NTSC: 107.62%*
Contrast ratio (typical): 4000:1
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: 1920x1080 @ 144 Hz
Effective viewing area: 596.736(H) x 335.664(V)mm
Scanning Frequency: HDMI/DP: 30 KHz -170 KHz (H) / 48 Hz - 144 Hz (V)
sRGB: Yes
SoftBlue: Yes
Flicker-free: Yes
Pixel Density: 82 PPI
Display Screen Coating: Anti-Glare, 3H, Haze 25%
MPRT: 0.5 ms*
EasyRead: Yes
Adaptive sync (VRR): Yes
HDR: HDR 10

Connectivity

Signal Input: DP1.4 X1 x 1, HDMI 2.1 (TMDS) x 1
Audio (In/Out): Audio out
HDCP: 1.4/2.3 (DP, HDMI)

Convenience

Built-in Speakers: 2Wx2
Plug & Play Compatibility: DDC/CI, macOS, 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 degrees

Power

Power supply: 100-240VAC, 50-60Hz, External
Off mode: 0.3 W (typ.)
On mode: 20.25 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)
Energy Label Class: D

Dimensions

Product with stand (mm): 611 x 459 x 206 mm
Packaging in mm (W x H x D): 690 x 456 x 139 mm
Product without stand (mm): 611 x 365 x 66 mm

Weight

Product with packaging (kg): 6.096 kg
Product with stand (kg): 3.77 kg
Product without stand (kg): 3.45 kg

Operating conditions

Altitude: Operating: +12,000ft (3,658m), Non-operating: +40,000ft (12,192m)
Temperature range (operation): 0°C to 40°C
MTBF: 50,000 hrs (excluding backlight)
Relative humidity: 20%-80%
Temperature range (storage): -20°C to 60°C

Sustainability

Environmental and energy: RoHS, Mercury Free
Recyclable packaging material: 100 %
Specific Substances: PVC / BFR free housing

Compliance and standards

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

Cabinet

Colour: Black
Finish: Textured

What's in the box?

Cables: HDMI cable, Power cable
Monitor with stand: Yes
User Documentation: Yes*

* Response time value equal to SmartResponse
* MPRT adjusts brightness to reduce blur, so brightness cannot be adjusted while MPRT is turned on. To reduce motion blur, the LED backlight will strobe in sync with the screen refresh, 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 that you turn it off when you are not using the gaming function.
* The products and accessories listed in this leaflet may differ by country and region.
* The monitor may look different from the feature images.
* The cable(s) supplied with the product may vary in type, quantity and specifications in line with country- or region-specific requirements.

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