PHILIPS

Quad HD monitor

Monitor

2000 series

27" (68.6 cm)

2560 x 1440 (Quad HD)

27E3C2500



Designed around your day

With its sleek curved design, Quad 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 deep black level details
- High Dynamic Range (HDR) for more lifelike, colourful visuals

Features designed for you

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

Good for Gaming

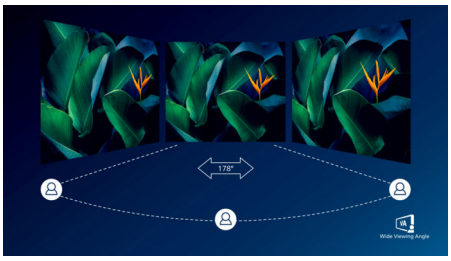
- Effortlessly smooth action with Adaptive-Sync technology
- 144Hz refresh rate for ultra-smooth, brilliant images
- 0.5 ms ultra-fast response for crisp images and smooth gameplay

Immersive visuals

- Curved display design for a more immersive experience

Highlights

VA display



Philips VA LED display uses advanced multi-domain vertical alignment technology, giving you super-high static contrast ratios for extra vivid and bright images. While it handles standard office applications with ease, it is particularly suitable for photos, web browsing, films, gaming and demanding graphical 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 resolution of 1920 x 1080. With Full HD delivering crisp detail, together with high brightness, incredible contrast and realistic colours, you can 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 optimal display of everyday office applications and lower power consumption.

High Dynamic Range (HDR)



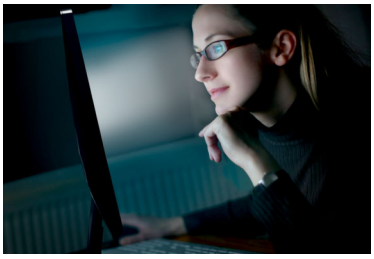
High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating colour, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colours never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

Flicker-free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience screen flicker, which causes eye fatigue. Philips Flicker-free Technology uses 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 ratio of light is reduced by nearly 50 per cent, while SoftBlue LED technology works simultaneously to reduce harmful blue light rays emitted from the screen.

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 front-firing speakers or concealed down-firing, top-firing or rear-firing speakers.

Adaptive-Sync technology



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

















Highlights

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 one spot to another 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 time



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

Curved display design



Desktop monitors offer a personal user experience, which is very well suited to a curved design. The curved screen provides a pleasant yet subtle immersive effect that puts you at the centre of your desk.

Monitor

Quad HD monitor

27E3C2500/00

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: 0.2331x0.2331mm
Brightness: 300
Display colors: 16.7 M
Color gamut (typical): NTSC 107.03%, sRGB 120.49%, Adobe RGB 92.95%, DCI-P3:95.62% *
Contrast ratio (typical): 4000:1
SmartContrast: Mega Infinity DCR
Response time (typical): 4 ms (Grey to Grey)*
Viewing angle: 178º (H) / 178º (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 2560x1440 @ 144 Hz
Effective viewing area: 596.736(H)x335.664(V)mm
Scanning Frequency: HDMI: 30KHz-160 KHz (H) / 48Hz-144Hz (V) ; DP: 160KHz-160KHz(H) / 48Hz-144Hz (V)
sRGB
SoftBlue
Flicker-free
Pixel Density: 109 PPI
Display Screen Coating: Anti-Glare, 3H, Haze 25%
MPRT: 0.5 ms*
EasyRead
Adaptive sync (VRR)
HDR: HDR 10

Connectivity

Signal Input: HDMI 2.1(TMDS) x 1, DP 1.4 x1
Audio (In/Out): Audio out
HDCP: HDCP 1.4/2.3 (HDMI/DP)

Convenience

Built-in Speakers: 2W x 2
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 degree

Power

Power supply: 100-240VAC, 50-60Hz, External
Off mode: 0.3 W (typ.)
On mode: 23.84 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 (WxHxD): 690 x 456 x 139 (mm)
Product without stand (mm): 611 x 365 x 66 (mm)

Weight

Product with packaging (kg): 5.946 kg
Product with stand (kg): 3.62 kg
Product without stand (kg): 3.29 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
Recyclable packaging material: 100 %
Specific Substances: Lead-free, Mercury free

Compliance and standards

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

Cabinet

Color: Black
Finish: Textured

What's in the box?

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

* Response time value equal to SmartResponse
* Adobe RGB and DCI-P3 coverage based on CIE1976, sRGB area based on CIE1931, NTSC area based on CIE1976.
* 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 synchronously 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.

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Issue Date 2026-10-23
Version : 4.1.0

Koninklijke Philips N.V.

EAN: 87 21038 00888 3

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