PHILIPS

Quad HD monitor

Monitor

5000 series

27" (68.6 cm)

2560 x 1440 (QHD)

27E2G5500W

Well-equipped for any task

This monitor is packed with features that allow you to work with absolute precision. Its Quad HD resolution, along with a 144Hz refresh rate and 0.5ms MPRT, this monitor showcases detailed imagery with the utmost definition.

Features designed for you
- Ultra Slim Bezel: for minimal edges and more screen.
- Less eye fatigue with Flicker-free technology

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

Easy to experience
- HDMI ensures universal digital connectivity

Superb Picture Quality
- SmartContrast for deep black level details
- IPS LED wide view technology for image and color accuracy
- Crystalclear images with Quad HD 2560 x 1440 pixels
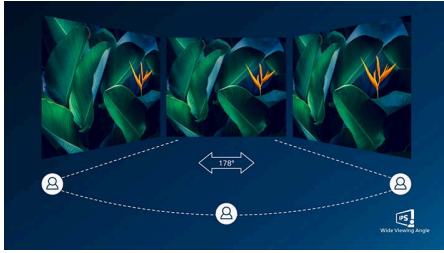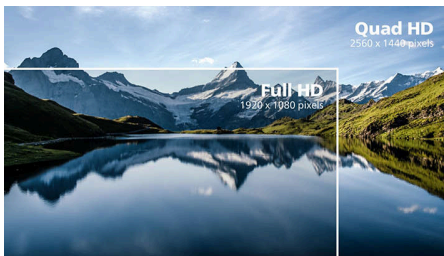- High Dynamic Range (HDR) for more lifelike colorful visuals

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.
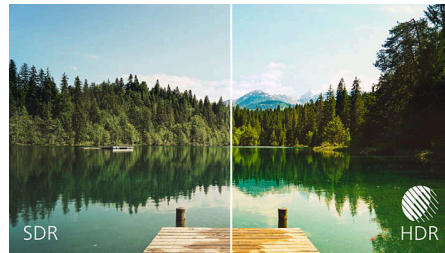
Crystalclear images

These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

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.

High Dynamic Range (HDR)

High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on 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 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.

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).

IPS Wide Viewing Angle   Quad HD   SmartContrast   HDR   Flicker-free   Ultra Slim Bezel   HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE   Adaptive -Sync
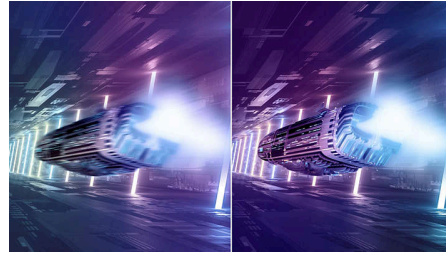
Highlights

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.
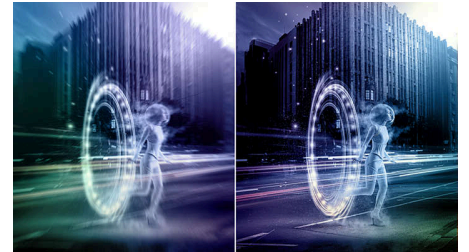
144Hz Gaming

You play intense, competitive gaming. You demand 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 144Hz frame rate, you get those critical missing images on the screen which shows 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

Philips display with 0.5 ms MPRT effectively eliminates smearing and motion blur, delivers shaper and precise visuals to enhance gaming experience. Fast-moving action and dramatic transitions will be rendered smoothly. Best choice for playing thrilling and twitch-sensitive games.

Monitor

Quad HD monitor

27E2G5500W/75

Specifications

Picture/Display

Panel Size: 27 inch / 68.6 cm
Aspect ratio: 16:9
LCD panel type: IPS technology
Backlight type: W-LED system
Pixel pitch: 0.2331 x 0.2331 mm
Brightness: 300 cd/m²
Display colors: 16.7 M
Color gamut (typical): Adobe RGB:87.68%,DCI-P3:92.05%,sRGB: 113.37%,NTSC 103.36%*
Contrast ratio (typical): 1500:1
SmartContrast: Mega Infinity DCR
Response time (typical): 4 ms (Gray to Gray)*
Viewing angle: 178º (H) / 178º (V), @ C/R > 10
Picture enhancement: SmartImage game
Maximum resolution: 2560x1440 @ 144Hz
Effective viewing area: 596.736(H)x335.664(V)mm
Scanning Frequency: 30k - 230 kHz (H) / 48 - 144 Hz (V)
sRGB
SoftBlue
Flicker-free
Pixel Density: 109 PPI
Display Screen Coating: Anti-Glare, 3H, Haze 25%
MPRT: 0.5ms(144Hz)
EasyRead
Adaptive sync
HDR: HDR 10

Connectivity

Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1
Sync Input: Separate Sync
Audio (In/Out): Audio out
HDCP: HDCP1.4 (HDMI/DP), HDCP2.2 (HDMI/DP)

Convenience

Plug & Play Compatibility: DDC/CI, Mac OS X, 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

Height adjustment: 110 mm
Tilt: -5/20 degree

Power

Power supply: External, 100-240VAC, 50-60Hz
Off mode: 0.3 W (typ.)
On mode: 24 W (typ.)
Standby mode: 0.3 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 690 x 456 x 139 mm
Product without stand (mm): 614 x 361 x 76 mm
Product with stand(max height): 614 x 501 x 210 mm

Weight

Product with packaging (kg): 7.13 kg
Product with stand (kg): 4.50 kg
Product without stand (kg): 3.40 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, KC, CEL, CCC, CECP, UKCA, EMF, FCC, ICES-003

Cabinet

Color: White/Silver
Finish: Textured

Design

Designed in Amsterdam, NL

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* The maximum resolution works for either HDMI input or DP input.
* 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.
* Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976.
* The monitor may look different from feature images.
* The products and accessories listed on this leaflet may differ by country and region.

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