PHILIPS

Vivid, crisp images, from edge-to-edge

A perfect all around display with stunning images that stretch from edge-to edge, made easy on the eyes, in a compact slim design.

Vivid pictures every time

· IPS LED wide view technology for image and color accuracy
· 16:9 Full HD display for crisp detailed images
· Narrow border display for a seamless appearance
· SmartContrast for rich black details
· SmartImage presets for easy optimized image settings

Easy on the eyes

· Less eye fatigue with Flicker-free technology
· LowBlue Mode for easy on-the-eyes productivity
· EasyRead mode for a paper-like reading experience
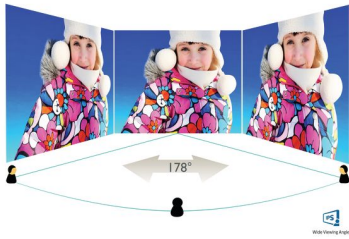
Experience true multimedia

· HDMI-ready for Full HD entertainment

Perfectly designed for your space

· Compact design saves space
· VESA mount allows for flexibility
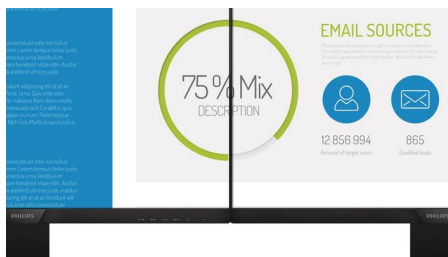
Highlights

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.

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.
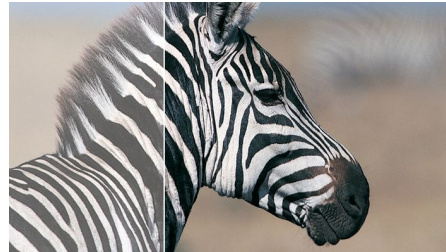
UltraNarrow Border

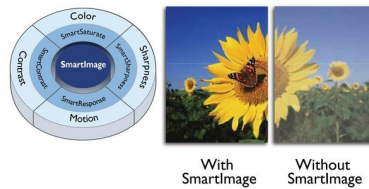The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

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.

SmartImage

SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

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.

LowBlue Mode

Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

EasyRead mode

EasyRead mode for a paper-like reading experience

Specifications

Picture/Display

LCD panel type: IPS technology
Backlight type: W-LED system
Panel Size: 27 inch / 68.6 cm
Display Screen Coating: Anti-Glare, 3H, Haze 25%
Effective viewing area: 597.89 (H) x 336.31 (V)
Aspect ratio: 16:9
Optimum resolution: 1920 x 1080 @ 60 Hz
Pixel Density: 82 PPI
Response time (typical): 5 ms (GtG)*
Brightness: 250 cd/m²
SmartContrast: 20,000,000:1
Contrast ratio (typical): 1000:1
Pixel pitch: 0.311 x 0.311 mm
Viewing angle: 178º (H) / 178º (V), @ C/R > 10
Flicker-free
Display colors: 16.7 M
Scanning Frequency: 30 –83 kHz (H) / 56 –76 Hz (V)
LowBlue Mode
EasyRead
sRGB

Connectivity

Signal Input: VGA (Analog), HDMI (digital, HDCP)
Sync Input: Separate Sync, Sync on Green
Audio (In/Out): HDMI audio out

Convenience

User convenience: Power On/Off, Menu/OK, Brightness/UP, Input/Down, SmartImage/Back
OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Swedish, Turkish, Traditional Chinese, Ukranian
Other convenience: Kensington lock, VESA mount (100x100mm)
Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand

Tilt: –5/20 degree

Power

On mode: 26.38 W (typ.)
Standby mode: 0.5 W (typ.)
Off mode: 0.5 W (typ.)
Power LED indicator: Operation – White, Standby mode– White (blinking)
Power supply: Built-in, 100–240VAC, 50–60Hz

Dimensions

Product with stand (mm): 612 x 453 x 227 mm
Product without stand (mm): 612 x 367 x 45 mm
Packaging in mm (WxHxD): 664 x 452 x 134 mm

Weight

Product with stand (kg): 4.36 kg
Product without stand (kg): 3.87 kg
Product with packaging (kg): 6.03 kg

Operating conditions

Temperature range (operation): 0℃ to 40℃ ℃
Temperature range (storage): –20℃ to 60℃ ℃
Relative humidity: 20%-80 %
Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF: 50,000 (Excluded backlight) hour(s)

Sustainability

Environmental and energy: RoHS, Lead-free, Mercury Free
Recyclable packaging material: 100 %

Compliance and standards

Regulatory Approvals: CECP, CCC, CEL

Cabinet

Color: Black
Finish: Textured

PHILIPS

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* Response time value equal to SmartResponse
* The monitor may look different from feature images.