PHILIPS

Striking design, vibrant colors

Elevate your viewing experience for work and play with Philips. Crystal-clear QHD display delivers precise color and vivid images from any angle. Ergonomic slim-frame with cable management offers a stylish enhancement to your workspace.

Features designed for you

- EasySelect menu toggle key for quick on-screen menu access
- EasyRead mode for a paper-like reading experience
- Cable management reduces cable clutter for neat workspace
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Tilt, pivot and height-adjust for an ideal viewing position

Good for Gaming

- 1ms (MPRT) fast response for crisp image and smooth gameplay
- SmartImage game mode optimized for gamers
- 100Hz refresh rates for ultra-smooth images

Superb Picture Quality

- SmartContrast for rich black details
- VA display delivers awesome images with wide viewing angles
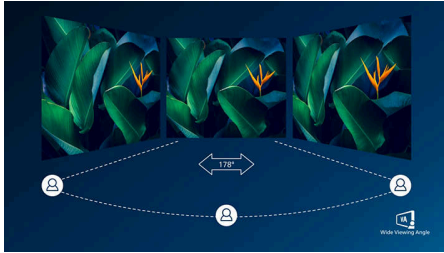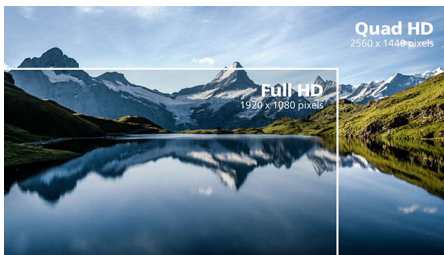- Crystalclear images with Quad HD 2560 x 1440 pixels

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.
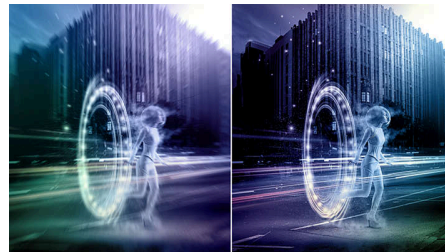
Crystalclear images

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.
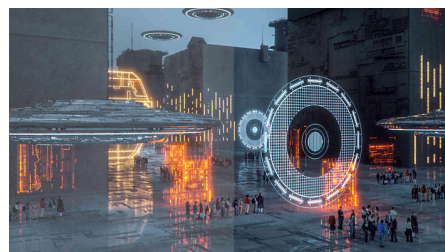
100Hz Fast refresh

This Philips display refreshes the screen image up to 100 times per second which makes this monitor much faster than a standard display. With a 100Hz frame rate, gamers are able to find those critical images on the screen that show enemy movement in an ultra-smooth motion so that they are easily targetable.

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.

SmartImage Game mode

The new Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high
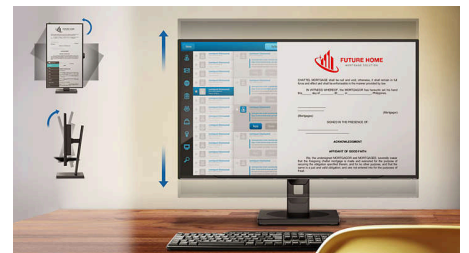
color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.
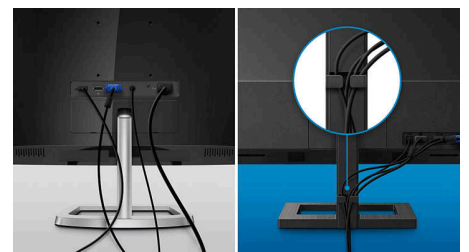
LowBlue Mode & Flicker-free

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.

Compact Ergo Base

The Compact Ergo Base is a people-friendly Philips monitor base that tilts, pivot and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

Cable management

Cable management is an intimate design that maintains tidy workspace by organizing cables and wires required for the operation of a display device.

Wide Viewing Angle · Quad HD · 100Hz · Fast Response 1ms MPRT · SmartImage Game · LowBlue Mode · CompactErgo Base · EasySelect
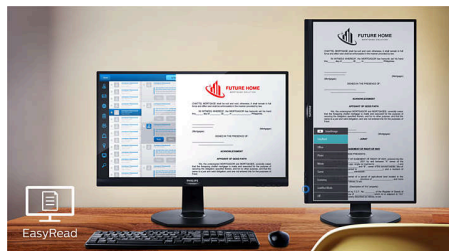
Highlights

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.

EasyRead mode

EasyRead mode for a paper-like reading experience

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.

Wide Viewing Angle   Quad HD   100Hz   Fast Response 1ms MPRT   SmartImage™ Game   LowBlue Mode

Specifications

Picture/Display

Panel Size: 27 inch / 68.6 cm
Aspect ratio: 16:9
LCD panel type: VA LCD
Backlight type: W-LED system
Pixel pitch: 0.2331 x 0.2331 mm
Brightness: 300 cd/m²
Display colors: 16.7 M (8 bit)
Color gamut (typical): NTSC 82.77%*, sRGB 100%*
Contrast ratio (typical): 4000:1
SmartContrast: Mega Infinity DCR
Response time (typical): 4 ms (GtG)*
Viewing angle: 178º (H) / 178º (V), @ C/R > 10
Picture enhancement: SmartImage game
Maximum resolution: 2560 x 1440 @ 100 Hz*
Effective viewing area: 596.736 (H) x 335.664 (V)
Scanning Frequency: 30 - 150 kHz (H) / 48 - 100 Hz (V)
sRGB
Flicker-free
Pixel Density: 108.79 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
MPRT: 1 ms
EasyRead
Adaptive sync

Connectivity

Signal Input: HDMI 2.0 x 2, DisplayPort 1.2 x 1
Sync Input: Separate Sync
Audio (In/Out): Audio out
HDCP: HDCP 2.2 (HDMI), HDCP 1.4 (DisplayPort)

Convenience

Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8
User convenience: Power On/Off, Menu, Brightness, Input, SmartImage Game
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: 130 mm
Pivot: -/+ 90 degree
Tilt: -5/20 degree

Power

Power supply: Built-in, 100-240VAC, 50-60Hz
Off mode: 0.3 W (typ.)
On mode: 27.0 W (typ.)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 780 x 525 x 186 mm
Product without stand (mm): 614 x 365 x 52 mm
Product with stand(max height): 614 x 510 x 212 mm

Weight

Product with packaging (kg): 9.06 kg
Product with stand (kg): 5.24 kg
Product without stand (kg): 3.36 kg

Operating conditions

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

Sustainability

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

Compliance and standards

Regulatory Approvals: CB, CCC, CECP, CEL, CE Mark, FCC Class B, ICES-003

Cabinet

Color: Black
Finish: Textured

* 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.
* NTSC Area based on CIE1976
* The monitor may look different from feature images.
* sRGB Area based on CIE1931

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