

PHILIPS

UltraWide LCD
monitor

Monitor

E Line

34" (86.36 cm)

3440 x 1440 (WQHD)

345E2AE



Experience true color, unconstrained visuals

The Philips E line UltraWide display gives expansive panoramic visual. A CrystalClear WQHD display, Ultra Wide-Color, and ergonomic stand design make for optimal viewing conditions. MultiView meets the need for usability and productivity.

Features designed for you

- EasySelect menu toggle key for quick on-screen menu access
- Built-in stereo speakers for multimedia
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- Tilt and height-adjust for an ideal viewing position
- MultiView enables simultaneous dual connection and view
- Cable management reduces cable clutter for neat workspace

Good for Gaming

- Effortlessly smooth gameplay with AMD FreeSync™ technology
- SmartImage game mode optimized for gamers

Superb Picture Quality

- SmartContrast for rich black details
- IPS LED wide view technology for image and color accuracy
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels

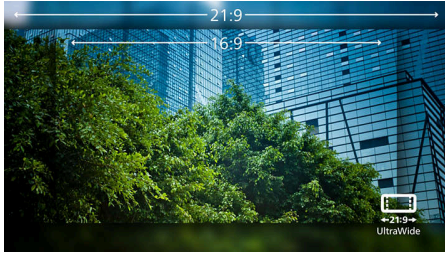
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Highlights

UltraWide CrystalClear images



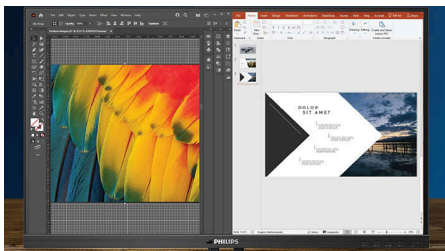
These Philips screens deliver CrystalClear, UltraWide Quad HD 3440 x 1440 pixel images. Utilizing high performance panels with high-density pixel count, 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with more room for side-by-side comparisons and more viewable spreadsheet columns. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, or a financial wizard working on huge spreadsheets, Philips displays delivers CrystalClear images.

Ultra Wide-Color Technology



Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

MultiView technology



With the ultra-high resolution Philips MultiView display you can now experience a world of connectivity. MultiView enables active dual

connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multi-tasking.

Ultra-smooth gaming



Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid, artifact-free performance at virtually any framerate with AMD FreeSync™ technology, smooth quick refresh and ultra-fast response time.

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.

Flicker-free technology



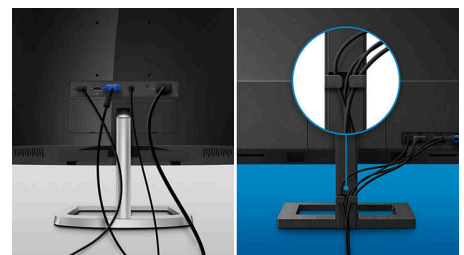
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

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.

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.



WQHD



Ultra Wide Color



Multiview



AMD FreeSync



SmartImage
Game



Flicker-free



LowBlue Mode



EasySelect

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Highlights

EasySelect Menu Toggle Key



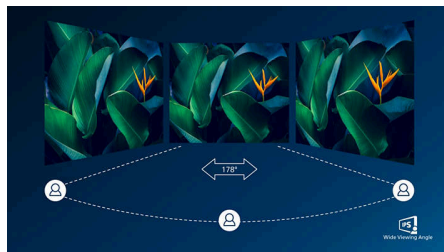
The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

Built-in stereo speakers



A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

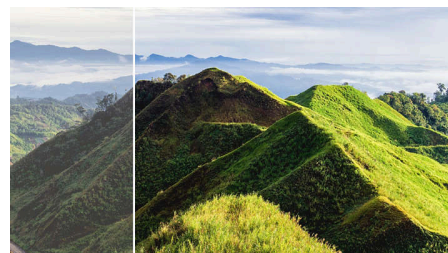
IPS technology



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.

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.



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Specifications

Picture/Display

Panel Size: 34 inch / 86.36 cm
Aspect ratio: 21:9
LCD panel type: IPS technology
Backlight type: W-LED system
Pixel pitch: 0.2325 x 0.2325 mm
Brightness: 250 cd/m²
Display colors: 16.7 M
Color gamut (typical): NTSC 106.8%*, sRGB 120.3%*
Contrast ratio (typical): 1000:1
SmartContrast: Mega Infinity DCR
Response time (typical): 4 ms (Gray to Gray)*
Viewing angle: 178° (H) / 178° (V), @ C/R > 10
Picture enhancement: SmartImage game
Maximum resolution: 3440 x 1440 @ 75 Hz*
Effective viewing area: 799.8 (H) x 334.8 (V) mm
Scanning Frequency: 30 - 120 kHz (H) / 48 - 75 Hz (V)
sRGB
Flicker-free
Pixel Density: 119.68PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 3H, Haze 25%
EasyRead
AMD FreeSync™ technology

Connectivity

Signal Input: DisplayPort x 1, HDMI x 2
Sync Input: Separate Sync
Audio (In/Out): PC audio-in, Headphone out

Convenience

Built-in Speakers: 3 W x 2
Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
User convenience: Power On/Off, Menu, Volume, 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)
MultiView: PIP/PBP mode, 2x devices

Stand

Height adjustment: 100 mm
Tilt: -5/20 degree

Power

Power supply: External, 100-240VAC, 50-60Hz
Off mode: 0.3 W
On mode: 26.09 W (typ.) (EnergyStar test method)
Standby mode: 0.5 W
Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 930 x 525 x 186 mm
Product without stand (mm): 817 x 365 x 49 mm
Product with stand(max height): 817 x 491 x 235 mm

Weight

Product with packaging (kg): 10.23 kg
Product with stand (kg): 7.61 kg
Product without stand (kg): 5.65 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: EnergyStar 8.0, TCO Certified, RoHS
Recyclable packaging material: 100 %
Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards

Regulatory Approvals: CB, TUV/ISO9241-307, TUV-BAUART, CU-EAC, EAEU RoHS, MEPS, CE Mark

Cabinet

Color: Black
Finish: Textured



* "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.
* Response time value equal to SmartResponse
* NTSC Area based on CIE1976
* sRGB Area based on CIE1931
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* The monitor may look different from feature images.