Philips Monitor
UltraWide LCD monitor

E Line
34" (86.36 cm)
3440 x 1440 (WQHD)

346E2LAE

# Simplify your connections with USB-C

The Philips E line UltraWide display offers expansive panoramic visuals. The WQHD display and ergonomic stand guarantee the optimal viewing conditions. Features like all-in-one USB-C, built-in USB Hub and MultiView help boost up productivity.

**Single cable USB-C connection**
• Connect your notebook with one USB-C cable

**Superb Picture Quality**
• VA display delivers awesome images with wide viewing angles
• CrystalClear images with UltraWide QHD 3440 x 1440 pixels

**Good for Gaming**
• Effortlessly smooth gameplay with AMD FreeSync™ technology
• 1 ms (MPRT) fast response for crisp images and smooth gameplay
• SmartImage game mode optimised for gamers

**Features designed for you**
• LowBlue mode and Flicker-free easy-on-the eyes viewing
• MultiView enables simultaneous dual connection and view
• Built-in stereo speakers for multimedia
• Cable management reduces cable clutter for a neat workspace
• Tilt and height-adjust for an ideal viewing position
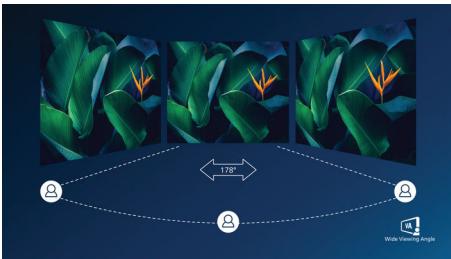
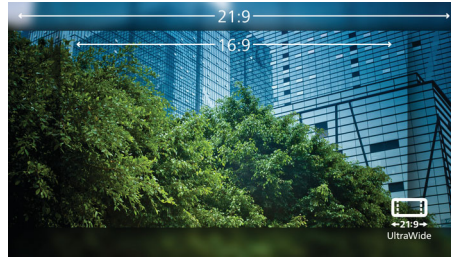**PHILIPS**

# Highlights

## USB-C connection



This Philips display features a USB type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB-C allows for easy, one-cable connection. You can watch high-resolution video and transfer data at super speed, while powering up and recharging your compatible device at the same time.
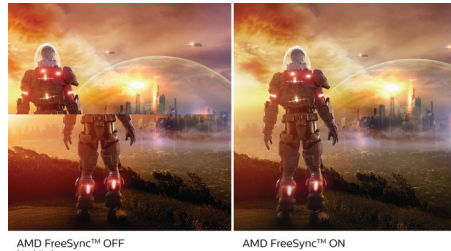
## VA display



The Philips VA LED display uses an advanced multi-domain vertical alignment technology that 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, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178 degree extra-wide viewing angle, resulting in crisp images.

## UltraWide CrystalClear images



These Philips screens deliver Crystal Clear, UltraWide Quad HD 3440 x 1440 pixel images. Utilising high-performance panels with high-density pixel count and 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 a demanding professional requiring extremely detailed information for CAD-CAM solutions or a financial wizard working on huge spreadsheets, Philips displays deliver Crystal Clear images.

## Ultra-smooth gaming



AMD FreeSync™ OFF (simulation)    AMD FreeSync™ ON

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, artefact-free performance at virtually any frame rate with AMD FreeSync™ technology, smooth, quick refresh and ultra-fast response time.

## 1 ms MPRT fast response



MPRT (motion picture response time) is a more intuitive way to describe response time, which directly refers to the duration between seeing blurry noise and clean, crisp images. The Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur and delivers sharper and more precise visuals to enhance your gaming experience. The 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 the display with the fastest response time and high colour, along with image adjustments. "RTS" mode (Real-time strategy) has a special SmartFrame mode that enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customised settings based on different games, ensuring best performance.

USB-C    Wide Viewing Angle    WQHD    21:9 UltraWide    AMD FreeSync    Fast Response 1ms MPRT    SmartImage Game    Flicker-free    LowBlue Mode    Multiview

# Specifications

## Picture/Display
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 34 inch / 86.36 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 797.22 (H) x 333.72 (V) mm
- Aspect ratio: 21:9
- Maximum resolution: 3440 x 1440 @ 100 Hz*
- Pixel Density: 109.68 PPI
- Response time (typical): 4 ms (Grey to Grey)*
- MPRT: 1 ms
- Brightness: 300 cd/m²
- Contrast ratio (typical): 4000:1
- SmartContrast: Mega Infinity DCR
- Pixel pitch: 0.23175 x 0.23175 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage game
- Colour gamut (typical): NTSC 100.05%*, sRGB 121.32%*
- Display colours: 16.7 M (8 bit)
- Scanning Frequency: 30–160 kHz (H)/48–100 Hz (V)
- LowBlue Mode
- EasyRead
- sRGB
- AMD FreeSync™ technology

## Connectivity
- Signal Input: HDMI 2.0 x 1, DisplayPort 1.2 x 1, USB-C x 1 (DP Alt mode, Power delivery)
- HDCP: HDCP 1.4 (HDMI/DisplayPort/USB-C), HDCP 2.2 (HDMI/DisplayPort/USB-C)
- USB Hub: USB 3.2 Gen 1 / 5 Gbps, USB-A downstream x 4 (with 1 fast charge B.C 1.2)
- Audio (In/Out): Audio out
- Sync Input: Separate Sync

## Power Delivery
- Version: USB PD version 3.0
- Max power delivery: USB-C up to 65 W (5 V/3 A, 7 V/3 A, 9 V/3 A, 10 V/3 A, 12 V/3 A, 15 V/3 A, 20 V/3.25 A)

## Convenience
- Built-in Speakers: 3 W x 2
- MultiView: PIP/PBP mode, 2 x devices
- 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 (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7

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

## Power
- On mode: 35 W (typ.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Energy Label Class: F
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: External, 100–240 VAC, 50–60 Hz

## Dimensions
- Product with stand (max height): 817 x 491 x 235 mm
- Product without stand (mm): 817 x 365 x 49 mm
- Packaging in mm (W x H x D): 930 x 525 x 186 mm

## Weight
- Product with stand (kg): 7.36 kg
- Product without stand (kg): 5.43 kg
- Product with packaging (kg): 10.70 kg

## Operating conditions
- Temperature range (operation): 0 to 40 °C
- Temperature range (storage): -20 to 60 °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 50,000 hrs (excluding backlight) hour(s)

## Sustainability
- Environmental and energy: 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, CE Mark, FCC Class B, ICES-003

## Cabinet
- Colour: Black
- Finish: Textured

## What's in the box?
- Monitor with stand
- Cables: HDMI cable, USB-C to USB-C cable, Power cable
- User Documentation

* 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 adjusts the brightness for blur reduction, so the brightness cannot be adjusted while MPRT is turned on. To reduce motion blur, the LED backlight will strobe in time with the screen refresh rate, 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 to turn this mode off when you are not using the gaming function.
* NTSC Area based on CIE 1976
* sRGB Area based on CIE1931
* For USB-C power and charging function, your Notebook/device must support USB-C standard Power Delivery specifications. Please check with your Notebook user manual or manufacturer for more details.
* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode
* 2020 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, AMD FreeSync™ and combinations thereof are trademarks of Advanced Micro Devices, Inc. Other product names used in this publication are for identification purposes only and may be trademarks of their respective companies.
* The monitor may look different from feature images.