Philips Business Monitor
Curved UltraWide LCD
display

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

345B1C

See more. Do more.

The Philips B line 34" curved UltraWide display gives wrap-around view of your work. A crystalclear WQHD display and ergonomic stand design make for optimal working conditions. Eye comfort features with TUV certified to reduce eye fatigue.

Designed for the way you work
- Tilt, swivel and height-adjust for an ideal viewing position
- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- EasyRead mode for a paper-like reading experience
- USB 3.2 high speed data transfer

Designed for sustainability
- LightSensor for the perfect brightness with minimal power
- PowerSensor saves up to 70% energy costs
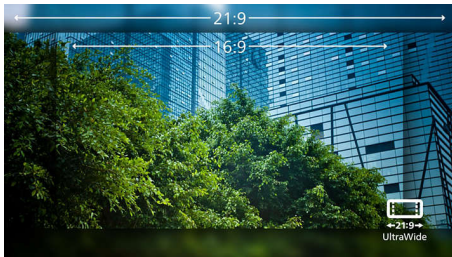
Better view, better productivity
- Effortlessly smooth action with Adaptive-Sync technology
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- MultiView enables simultaneous dual connection and view
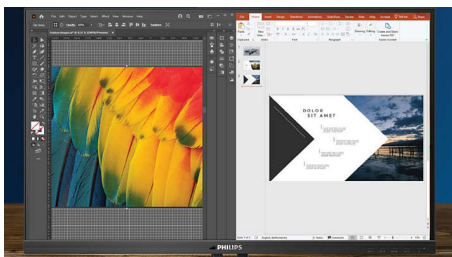
PHILIPS

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.

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.

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.

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).

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
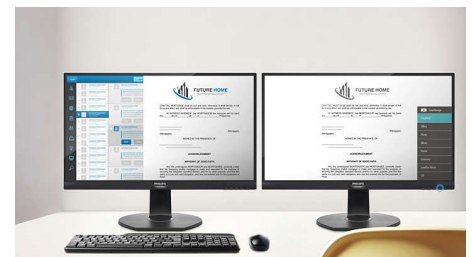
a new solution to regulate brightness and reduce flicker for more comfortable viewing.
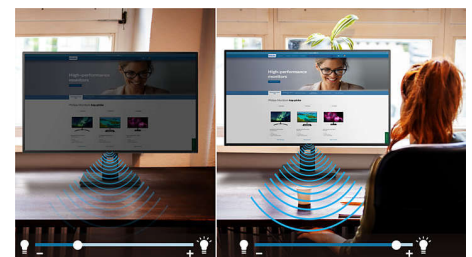
LowBlue Mode

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

PowerSensor

PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 70 percent and prolonging monitor life.

WQHD   Multiview   Adaptive -Sync   HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE   Flicker-free   LowBlue Mode   EasyRead   PowerSensor   LightSensor

Specifications

Picture/Display
- Panel Size: 34 inch / 86.36 cm
- Aspect ratio: 21:9
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.23175 x 0.23175 mm
- Brightness: 300 cd/m²
- Display colors: 16.7 M
- Color gamut (typical): NTSC 100%*, sRGB 119%*, Adobe RGB 90%*
- Contrast ratio (typical): 3,000:1
- SmartContrast: 80,000,000 :1
- Response time (typical): 4 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Maximum resolution: 3440 x 1440 @ 100 Hz*
- Effective viewing area: 797.2 (H) x 333.7 (V) - at a 1500 R curvature*
- Scanning Frequency: 30 - 160 kHz (H) / 48 - 100 Hz (V)
- sRGB
- Delta E: < 2 (sRGB)
- Flicker-free
- Pixel Density: 110 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 2H, Haze 25%
- SmartUniformity: 93 ~ 105%
- EasyRead
- Adaptive sync

Connectivity
- Signal Input: DisplayPort 1.2 x 1, HDMI 2.0 x 2
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Headphone out
- USB:: USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C. 1.2)
- HDCP: HDCP 1.4 (DP), HDCP 2.2 (HDMI)

Convenience
- Built-in Speakers: 5 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Input, User, Menu, Power On/Off
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, French, Finnish, German, Greek, Hungarian, Italian, Japanese, Korean, Portuguese, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Control software: SmartControl
- MultiView: PIP/PBP mode*, 2x devices

Stand
- Height adjustment: 180 mm
- Swivel: -180/180 degree
- Tilt: -5/30 degree

Power
- ECO mode: 34 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with Zero switch
- On mode: 28.36 W (typ.) (EnergyStar test method)
- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Packaging in mm (WxHxD): 904 x 525 x 282 mm
- Product without stand (mm): 807 x 367 x 110 mm
- Product with stand(max height): 807 x 601 x 250 mm

Weight
- Product with packaging (kg): 15.05 kg
- Product with stand (kg): 11.32 kg
- Product without stand (kg): 7.62 kg

Operating conditions
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40 °C
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60 °C
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability
- Environmental and energy: PowerSensor, LightSensor, EnergyStar 8.0, TCO Certified, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards
- Regulatory Approvals: CB, cETLus, FCC Class B, ICES-003, CE Mark, TUV/GS, TUV Ergo, CU-EAC, UKRAINIAN

Cabinet
- Finish: Texture
- Foot: Black
- Front bezel: Black
- Rear cover: Black

* Radius of the arc of the display curvature in mm
* 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
* Adobe RGB Coverage based on CIE1976
* Cannot support HDMI 1 vs HDMI 2 for PIP/PBP at the same time
* The monitor may look different from feature images.