

Philips  
Curved UltraWide LCD  
Monitor with USB-C

## B Line

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

346B1C



## See more. Do more.

The Philips B line 34" curved UltraWide display gives wrap-around view of your work. All-in-one USB-C 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
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- EasyRead mode for a paper-like reading experience
- TUV Eye Comfort certified to reduce eye fatigue
- Built-in USB-C docking station

### 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
- Built-in KVM switch to easily switch between sources
- MultiView enables simultaneous dual connection and view

# PHILIPS

# Highlights

## 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.

## 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 multitasking.

## MultiClient Integrated KVM



With the MultiClient Integrated KVM switch, you can control two separate PCs with one monitor-keyboard-mouse setup. A convenient button allows you to quickly switch between sources. Handy with setups that require dual PC computing power or sharing one large monitor to show two different PCs.

## Built-in USB-C docking station



This Philips display features a built-in USB type-C docking station with power delivery. Its slim, reversible USB-C connector allows for easy, one-cable docking. Keep it simple by connecting all your peripherals, like your keyboard, mouse and your RJ-45 Ethernet cable to the monitor's docking station. Simply connect your notebook to this monitor with a single USB-C cable to watch high-resolution video and transfer super-speed data while powering up and recharging your notebook at the same time.

## Adaptive-Sync technology



Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artefact-free performance at virtually any frame rate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

## TUV Rheinland Eye Comfort



Philips displays meet TUV Rheinland Eye Comfort standard to prevent eye strain caused by prolonged computer use. With TUV Eye Comfort certification, Philips displays ensure flicker-free, low-blue mode, no disturbing reflections, a wide viewing angle, less reduction of image quality from different angles and ergonomic stand designs for an ideal viewing experience. Keep your eyes healthy and boost work productivity.

## 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.



WQHD



MultiView



MultiClient Integrated KVM



USB-C Docking



Adaptive-Sync



Eye Comfort  
TUV Rheinland  
CERTIFIED  
www.tuv.com



Flicker-free



LowBlue Mode



PowerSensor

# Specifications

## Connectivity

- Signal Input: DisplayPort 1.2 x 1, HDMI 2.0 x 1, USB-C 3.2 Gen 1 x 1 (upstream, power delivery up to 90 W)
- Sync Input: Separate Sync
- Audio (In/Out): Headphone out
- RJ45: Ethernet LAN up to 1G\*, Wake-on-LAN
- USB: USB-C x 1, USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
- HDCP: HDCP 1.4 (DP/USB-C), HDCP 2.2 (HDMI)

## 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/m<sup>2</sup>
- Display colours: 16.7 M
- Colour gamut (typical): NTSC 100%\*, sRGB 119%\*, Adobe RGB 90%\*
- Contrast ratio (typical): 3000:1
- SmartContrast: 80,000,000 :1
- Response time (typical): 4 ms (Grey to Grey)\*
- 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

## USB

- Power delivery: USB PD version 3.0
- Super speed: Data and Video transfer
- DP: Built-in Display Port Alt mode
- USB-C max. power delivery: Up to 90 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/4.5 A)
- USB-C: Reversible plug connector

## Convenience

- Built-in Speakers: 5 W x 2
- Plug and 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 (100 x 100 mm)

- Control software: SmartControl
- MultiView: PIP/PBP mode, 2 x devices

## Stand

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

## Power

- ECO mode: 34 W (typ.)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- 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 (flashing)
- Energy Label Class: F

## Dimensions

- Packaging in mm (W x H x D): 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): 15.32 kg
- Product with stand (kg): 11.49 kg
- Product without stand (kg): 7.79 kg

## Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- 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, TUV Eye Comfort certified

## Cabinet

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

## What's in the box?

- Cables: HDMI cable, DP cable, USB-C/A Y cable, Power cable
- Monitor with stand
- User Documentation



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- \* Radius of the arc of the display curvature in mm
- \* The maximum resolution works for either USB-C, DP or HDMI input.
- \* The USB hub default setting of USB C input for this monitor is "USB 3.2". The resolution supported by USB 3.2 is 3440 x 1440 @ 60 Hz. When user switches to USB 2.0, the resolution supported will be 3440 x 1440 @ 100 Hz.
- \* Response time value equal to SmartResponse
- \* NTSC Area based on CIE 1976
- \* sRGB Area based on CIE1931
- \* Adobe RGB Coverage based on CIE 1976
- \* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode
- \* Activities such as screen sharing and online streaming over the Internet can impact your network performance. Your hardware and network bandwidth will determine the overall audio and video quality.
- \* 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.
- \* If your Ethernet connection seems slow, please enter the OSD menu and select USB 3.0 or a higher version that can support the LAN speed up to 1G.
- \* Cannot support USB-C vs HDMI for PIP/PBP at the same time
- \* The monitor may look different from feature images.