

# PHILIPS

Curved UltraWide  
display with USB-C dock

Business Monitor

5000 series

34" (86.36 cm)

3440 x 1440 (WQHD)

34B1U5600CH



## Daily routine simplified

with a pop-up webcam

This USB-C monitor is great for watching videos, data transfer and power delivery. The integrated 5 MP webcam delivers sharp images, and a noise-cancelling mic lets people hear you clearly. Features a pop-up webcam for quick access and robust security.

### Excellent performance

- VA display delivers awesome images with wide viewing angles
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels

### Designed for the way you work

- MultiView enables simultaneous dual connection and view
- Secure sign-in with pop-up webcam
- TÜV Eye Comfort certified to reduce eye fatigue
- Built-in KVM switch to easily switch between sources
- Collaboration-ready webcam with noise-cancelling mic.

### Single cable USB-C connection

- RJ-45 to USB-C gives easy network connection with security
- USB 3.2 high-speed data transfer

### Designed for sustainability

- LightSensor for the perfect brightness with minimal power
- PowerSensor saves up to 80% energy costs

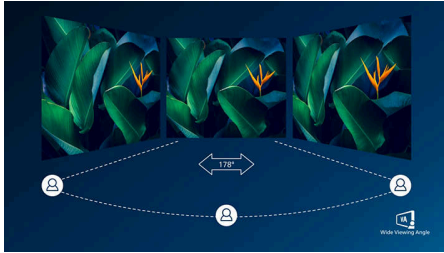
## Business Monitor

Curved UltraWide display with USB-C dock

34B1U5600CH/00

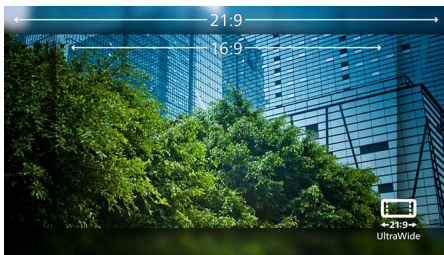
# Highlights

### VA display



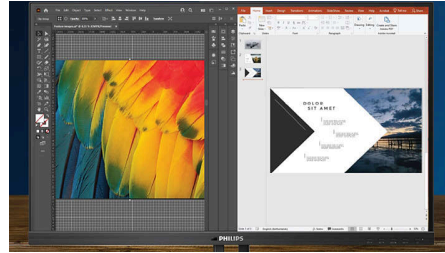
The Philips VA LED display uses an advanced multi-domain vertical alignment technology that gives you super-high static contrast ratios for extra-vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web browsing, films, gaming and demanding 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.

### 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.

### Pop-up webcam



Philips' innovative and secure webcam pops up when you need it and securely tucks back into the monitor when you are not using it. The webcam is also equipped with advanced sensors for Windows Hello facial recognition, which conveniently logs you into your Windows devices in less than 2 seconds, 3 times faster than a password.

### 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.

### 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.

### Webcam and noise-cancelling mic



This Philips monitor comes with a built-in 5 MP webcam, noise-cancelling microphone and speakers, making it perfect for working from home and collaborating remotely. It is equipped with advanced sensors that work seamlessly with Windows Hello facial recognition, allowing you to log into your Windows devices in less than 2 seconds. For added privacy, a physical camera switch lets you disable the webcam when not in use. The noise-cancelling microphone and dual 5 watt integrated speakers ensure clear communication.



Wide Viewing Angle



WQHD



Multiview



Eye Comfort  
www.tuv.com



MultiClient  
Integrated KVM



Noise  
cancellation



LightSensor



PowerSensor

## Highlights

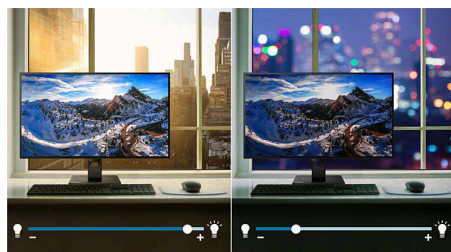
### USB-C Docking with RJ45



Simplify all peripherals from monitor to PC using one-cable docking USB Type-C connector, including networking, high-resolution video output from PC to monitor, and surfing on the Internet without an additional network cable, even without a LAN port on your notebook. RJ45 connection through USB-C offers a fast and secure connection when needed. Getting the fastest data speeds allows you to transfer data from a HDD to your PC faster than ever. Additionally, USB-C with power delivery can even

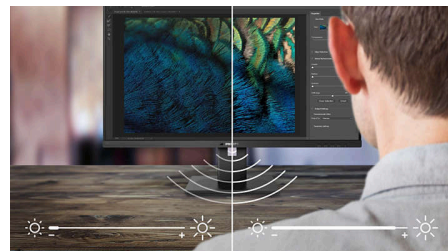
enable you to power and charge your notebook from the monitor, eliminating the need for extra power cables.

### LightSensor



LightSensor uses a smart sensor to adjust the picture brightness depending on the light conditions in the room for the perfect picture with minimal power usage.

### PowerSensor



PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and then automatically reduces monitor brightness when then user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life



## 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:** 350 cd/m<sup>2</sup>  
**Display colours:** 16.7 M (8 bit)  
**Colour gamut (typical):** NTSC 100%\*, sRGB 120%\*  
**Contrast ratio (typical):** 3000:1  
**SmartContrast:** 50,000,000:1  
**Response time (typical):** 4 ms (Grey to Grey)\*  
**Viewing angle:** 178° (H)/178° (V), @ C/R > 10  
**Picture enhancement:** SmartImage  
**Maximum resolution:** HDMI: 3440 x 1440 @ 100 Hz; DP/USB-C: 3440 x 1440 @ 120 Hz  
**Effective viewing area:** 797.22 (H) x 333.72 (V) - at a 1500R curvature\*  
**Scanning Frequency:** HDMI: 30 - 160 kHz (H) / 48 - 100 Hz (V); DP/USB-C: 30 - 190 kHz (H) / 48 - 120 Hz (V)  
**sRGB**  
**Delta E:** < 2 (for sRGB)  
**Flicker-free**  
**Pixel Density:** 110 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**SmartUniformity:** 93 ~ 105%  
**EasyRead**  
**Adaptive sync**

### Connectivity

**Signal Input:** HDMI 2.0 x 1, DisplayPort 1.4 x 1, USB-C x 1 (upstream, DP Alt mode, Data, PD up to 100 W)  
**Sync Input:** Separate Sync  
**Audio (In/Out):** Audio out/Microphone in combo jack  
**RJ45:** Ethernet LAN up to 1 G\*, Wake on LAN  
**HDCP:** HDCP 1.4 (HDMI/DisplayPort/USB-C); HDCP 2.2 (HDMI/DisplayPort/USB-C)  
**HBR3:** HBR 3 (DisplayPort/USB-C)  
**USB Hub:** USB 3.2, Gen 2/10 Gbps, USB-C upstream x 1 (Data), USB-A downstream x 4 (with 1 for fast charge B.C 1.2), USB-C downstream x 1 (Data, PD 15 W)

### Power Delivery

**Max power delivery:** USB-C up to 100 W\* (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.8A)  
**Version:** USB PD version 3.0

### Convenience

**Built-in Speakers:** 5 W x 2  
**Plug and Play Compatibility:** DDC/CI, Mac OS X, sRGB, Windows 11/10/8.1/8/7  
**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  
**Built-in webcam:** Pop-up 5.0 megapixel camera with a microphone and LED indicator (for Windows Hello)  
**KVM:** Yes (USB-C/USB-C)  
**Noise cancellation**

### Stand

**Height adjustment:** 180 mm  
**Swivel:** +/- 180 degree  
**Tilt:** -5/25 degree

### Power

**ECO mode:** 31 W (typ.)  
**Power supply:** Built-in, 100–240 VAC, 50–60 Hz  
**Off mode:** Zero watts with AC switch  
**On mode:** 35 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):** 15.38 kg  
**Product with stand (kg):** 11.71 kg  
**Product without stand (kg):** 8.04 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, Energy Star 8.0, EPEAT\*, TCO Certified, RoHS  
**Post-consumer recycled plastic:** 85%  
**Recyclable packaging material:** 100 %  
**Specific Substances:** Mercury free, PVC/BFR free housing

### Compliance and standards

**Regulatory Approvals:** CB, CE Mark, FCC Class B, ICES-003, CU-EAC, EAEU RoHS, TUV Ergo, TUV/GS, 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 to C cable, Power cable  
**Monitor with stand**  
**User Documentation**



\* Radius of the arc of the display curvature in mm  
 \* Response time value equal to SmartResponse  
 \* NTSC Area based on CIE 1976  
 \* sRGB Area based on CIE1931  
 \* 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.  
 \* The USB-C power delivery of this display is up to 100 W (96 W in typical). The maximum power delivery will depend on your device.  
 \* When calculating energy costs saving from PowerSensor, both USB and Power delivery are excluded.  
 \* EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.  
 \* The monitor may look different from feature images.