

Philips Business Monitor  
Curved UltraWide display  
with USB-C dock

**5000 series**

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

**34B1U5600CH**



# Daily routine simplified

with built-in webcam

This USB-C monitor is for video watching, data transfer and power delivery. The integrated 5MP webcam delivers sharp images, and noise cancelling mic let people hear you fine. Windows Hello Webcam for quick access and strong security.

## Single cable USB-C connection

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

## 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

- Built-in KVM switch to easily switch between sources
- MultiView enables simultaneous dual connection and view
- Webcam with noise cancelling microphone for collaboration
- Tilt, swivel and height-adjust for an ideal viewing position
- TÜV Eye Comfort certified to reduce eye fatigue

## Designed for sustainability

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



# PHILIPS

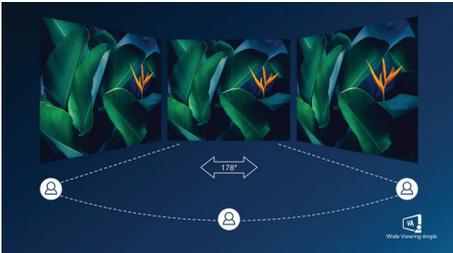
# Highlights

## USB-C Docking with RJ45



Simplify all peripherals from monitor to PC using one-cable-docking USB Type-C connector, includes networking, high resolution video output from PC to monitor, and surfing on Internet without an additional network cable, even without 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.

## VA display



Philips VA LED display uses an advanced multi-domain vertical alignment technology which 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, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

## UltraWide CrystalClear images



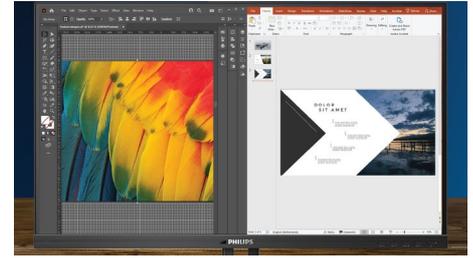
These Philips screens deliver CrystalClear, UltraWide Quad HD 3440 x 1440 pixel images. Utilizing high performance panels with high-density pixel count, 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with 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.

## MultiClient Integrated KVM



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

## 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.

## Webcam & noise cancelling mic



This Philips monitor comes with built-in 5MP webcam, noise cancelling microphone, and speakers. Making it perfect for working from home and collaborating remotely. The webcam is certified for Windows Hello. Equipped with advanced sensors for Windows Hello™ facial recognition, which conveniently logs you into your Windows devices in less than 2 seconds. The physical camera switch offers extra privacy when not in use. The noise-cancelling microphone and dual 5-watt integrated speakers deliver clear communications.



# 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) - at a 1500R curvature\*
- Aspect ratio: 21:9
- Maximum resolution: HDMI: 3440 x 1440 @ 100 Hz; DP/USB-C: 3440 x 1440 @ 120 Hz
- Pixel Density: 110 PPI
- Response time (typical): 4 ms (Gray to Gray)\*
- Brightness: 350 cd/m<sup>2</sup>
- Contrast ratio (typical): 3000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.23175 x 0.23175 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Display colors: 16.7 M (8 bit)
- Color gamut (typical): NTSC 100%\*, sRGB 120%\*
- Scanning Frequency: HDMI: 30 - 160 kHz (H) / 48 - 100 Hz (V); DP/USB-C: 30 - 190 kHz (H) / 48 - 120 Hz (V)
- SmartUniformity: 93 ~ 105%
- Delta E: < 2 (for sRGB)
- LowBlue Mode
- EasyRead
- sRGB
- 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)
- 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 15W)
- Audio (In/Out): Audio out / Microphone in combo jack
- RJ45: Ethernet LAN up to 1G\*, Wake on LAN
- Sync Input: Separate Sync

## Power Delivery

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

## Convenience

- Built-in Speakers: 5 W x 2
- Built-in webcam: 5.0 megapixel camera with microphone and LED indicator (for Windows Hello)
- Noise cancellation
- MultiView: PIP/PBP mode, 2x devices
- KVM: Yes (USB-C/USB-C)
- User convenience: SmartImage, Input, User, Menu, Power On/Off
- Control software: SmartControl

- 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)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7

## Stand

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

## Power

- ECO mode: 31 W (typ.)
- On mode: 35 W (typ.) (EnergyStar test method)
- Standby mode: 0.3 W (typ.)
- Off mode: Zero watts with AC switch
- Energy Label Class: G
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

## Dimensions

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

## Weight

- Product with stand (kg): 11.71 kg
- Product without stand (kg): 8.04 kg
- Product with packaging (kg): 15.38 kg

## Operating conditions

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

## Sustainability

- Environmental and energy: PowerSensor, LightSensor, EnergyStar 8.0, EPEAT\*, TCO Certified, RoHS
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 85%
- 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, SEMKO, TUV Ergo, TUV/GS, TUV Eye Comfort certified

## Cabinet

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

## What's in the box?

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



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Version: 1.4.1

12 NC: 8670 001 85269  
EAN: 87 12581 79652 5

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\* Radius of the arc of the display curvature in mm

\* Response time value equal to SmartResponse

\* NTSC Area based on CIE1976

\* 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, on-line streaming video and audio over the Internet can impact your network performance. Your hardware, network bandwidth and its performance will determine 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 OSD menu and select USB 3.0 or higher version which can support the LAN speed 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.