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 pop-up 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.

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

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

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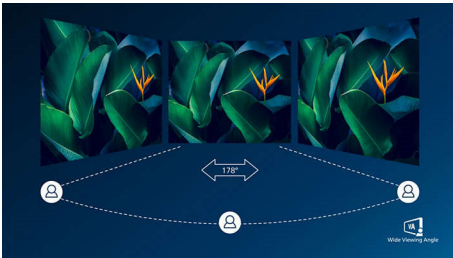- PowerSensor saves up to 80% energy costs

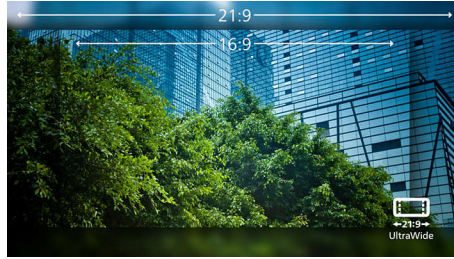**PHILIPS**

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.
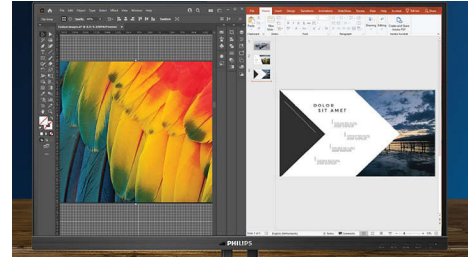
UltraWide CrystalClear images

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.

Wide Viewing Angle | WQHD | MultiClient Integrated KVM | Multiview | Noise cancellation | PowerSensor | CompactErgo Base | Eye Comfort TÜVRheinland CERTIFIED www.tuv.com | LightSensor | Curved Ultrawide

Specifications

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 1G*, 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 15W)

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/m²
- Display colors: 16.7 M (8 bit)
- Color gamut (typical): NTSC 100%*, sRGB 120%*
- Contrast ratio (typical): 3000:1
- SmartContrast: 50,000,000:1
- Response time (typical): 4 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Maximum resolution: 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

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 & 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 (100x100mm)
- Control software: SmartControl
- MultiView: PIP/PBP mode, 2x devices
- Built-in webcam: Pop-up 5.0 megapixel camera with 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, 100-240VAC, 50-60Hz
- 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 (blinking)

Dimensions
- Packaging in mm (WxHxD): 904 x 525 x 282 mm
- Product without stand (mm): 807 x 367 x 110 mm
- Packaging in inch (WxHxD): 25.6 x 20.7 x 11.1 inch
- Product without stand in inch: 31.8 x 14.4 x 4.3 inch
- Product with stand(max height): 807 x 601 x 250 mm
- Product with stand(max height): 31.8 x 23.7 x 9.8 inch

Weight
- Product with packaging (kg): 15.38 kg
- Product with stand (kg): 11.71 kg
- Product with packaging (lb): 33.84 lb
- Product with stand (lb): 25.76 lb
- Product without stand (kg): 8.04 kg
- Product without stand (lb): 17.69 lb

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, EPEAT*, TCO Certified, RoHS
- Post consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC / BFR free housing

Specifications

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

* 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.