

PHILIPS

WQHD monitor with
Thunderbolt™ 4

Curved Business monitor

6000 series

34" (86.36 cm)

3440 x 1440 (WQHD)

34B2U6603CH



Redefining workflow productivity with a pop-up webcam

This monitor introduces you to lightning-fast connectivity. With its Thunderbolt 4 port, Smart KVM feature and Display HDR 400 qualification, this combination offers power delivery, source switching and beautiful imagery in one monitor.

Thunderbolt™ 4 for flexibility and performance

- Thunderbolt™ 4 Connection: for lightning-fast connectivity

Superb Picture Quality

- VA display delivers awesome images with wide viewing angles
- DisplayHDR 400 for more lifelike and outstanding visuals

Designed for the way you work

- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- PowerSensor 2: for optimised energy efficiency
- Collaboration-ready webcam with noise-cancelling mic.
- Curved display design for a more immersive experience
- Busylight: for setting your work status
- Earphone hook: for customisable storage
- SmartKVM: for easily switching between sources.
- AI-enhanced Webcam Autoframing: for dynamic video calls.

Superb Picture Quality

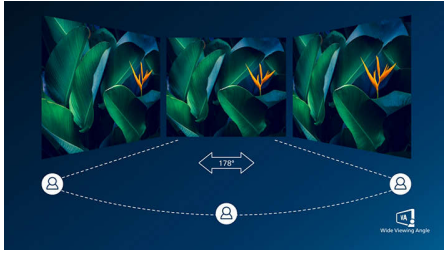
Curved Business monitor

WQHD monitor with Thunderbolt™ 4

34B2U6603CH/01

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.

DisplayHDR 400



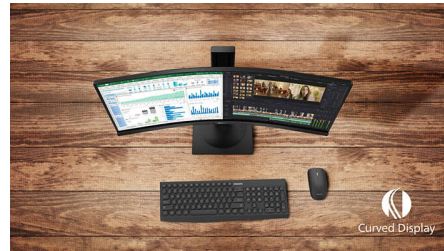
VESA-certified DisplayHDR 400 delivers a significant step up from normal SDR displays. Unlike other 'HDR-compatible' screens, true DisplayHDR 400 produces astonishing brightness, contrast and colours. With global dimming and minimum 400 nits of brightness, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colours, delivering a visual experience that engages your senses.

120 Hz fast refresh



For gaming and video performance, you demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up to 120 times per second, much faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. With 120 Hz frame rate, you get those critical missing images on the screen which shows enemy movement in ultra-smooth motion so you can easily target them.

Curved display design



Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

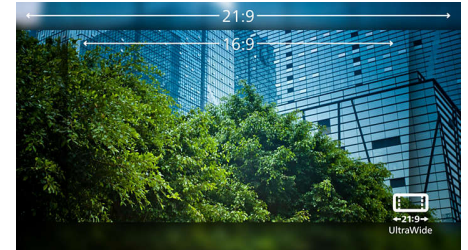
SmartKVM



Unlike traditional built-in KVM monitor buttons, the smart KVM allows for switching between sources with the click of a button on your

keyboard. When all devices are properly connected, users can easily switch between sources by clicking the "Ctrl" key three times.

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.

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.



Curved Business monitor

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Highlights

Adjustable webcam



Level up the comfort of video conferencing with this feature. By adjusting the webcam back and forth by 30 degrees, users can now comfortably call and attend meetings from any position that best suits them.

AI-enhanced Webcam Autoframing



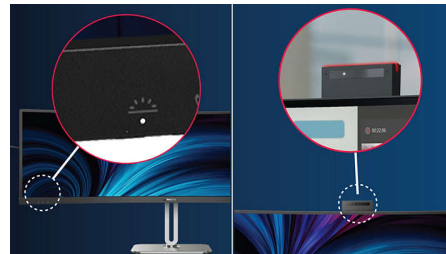
This AI-enhanced feature is perfect for multi-person video conferencing. When one or more people join the webcam view, the AI-powered feature will automatically adjust and zoom to fit all team members in the frame. Likewise, when participants leave the webcam view, the AI-enhanced webcam will adjust accordingly, thereby making it ideal for long meetings as well as team calls.

Earphone Hook



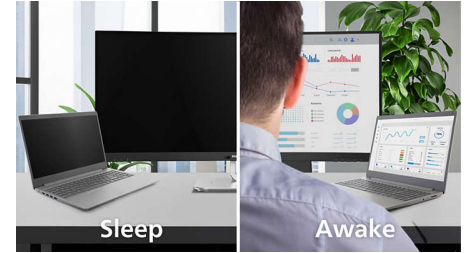
Earphone storage is unmatched with this feature. Carefully pull down the hook located on the side of the monitor: This feature makes for a tidy desktop and provides a handy cable management solution for your workspace.

Busylight



This feature allows for privacy and optimal collaboration when working in a busy office setting. To transmit to others that they are busy, users can simply press the Busylight hotkey located on the bottom left menu of the monitor bezel, and the light located on the webcam will turn red. In addition to this, the Busylight feature can also sync with users' Microsoft Teams status.

PowerSensor 2



This monitor's PowerSensor 2 feature reduces energy consumption by detecting when users move closer and further away from the screen. After switching the OSD setting to "User", you then need to adjust the settings in Windows 11 for this feature to function properly. When these adjustments are made, the monitor and connected PC/laptop will wake when someone approaches it and sleep when someone walks away, effectively reducing the amount of wake time. The distance for detection can be set to 50, 75 or 120 cm from the user's laptop. Please note that Windows 11 must be installed.

Thunderbolt™ 4 for flexibility and performance



This Philips docking monitor is equipped with Thunderbolt 4 connection. Compared with conventional USB-C monitors, Thunderbolt 4 technology provides lightning-fast data transfer speeds, supports high-resolution video, offers multi-stream transport for daisy chaining and has a capacity of up to 100 W of power delivery to external devices.



Flicker-free

Curved Business monitor

WQHD monitor with Thunderbolt™ 4

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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: 450 nits (SDR), 550 nits (DHR) cd/m²

Display colours: 16.7 M (8 bit)

Colour gamut (typical): NTSC area: 101%,sRGB area: 120%*

Contrast ratio (typical): 4000:1

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; DP1.4/Thunderbolt 4: 3440 x

1440 @ 120 Hz *

Effective viewing area: 797.22 (H) x 333.72 (V) - at a 1500 R curvature*

Scanning Frequency: 30 - 190 kHz (H)/48 - 120 Hz (V)

sRGB

Delta E: < 2 (for sRGB)

SoftBlue

Flicker-free

Pixel Density: 110 PPI

Display Screen Coating: Anti-Glare, 3H, Haze 25%

SmartUniformity: 93 ~ 105%

EasyRead

Adaptive sync

HDR: Supported VESA HDR 400

EyeSafe

Connectivity

Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1, Thunderbolt 4 x 1 (upstream, Data, video, PD up to 100 W)

Sync Input: Separate Sync, Sync on Green

Audio (In/Out): Audio out/Microphone in combo jack

RJ45: Ethernet LAN up to 2.5G*, Wake on LAN

Signal Output: Thunderbolt 4 x 1 (downstream, data, video, PD 15 W)

HDCP: HDCP 1.4

(HDMI/DisplayPort/Thunderbolt); HDCP 2.2

(HDMI/DisplayPort/Thunderbolt)

HBR3: HBR 3 (DisplayPort/Thunderbolt)

USB Hub: USB 3.2, Gen 2/10 Gbps, Upstream:

Thunderbolt 4 x 1 (Data), USB-C1 (Data);

Downstream: Thunderbolt 4 x 1, USB-A X 4 (with 1 for fast-charge B.C 1.2), USB-C2 x 1 (Data, 45 W)

Power Delivery

Max power delivery: USB up to 100 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/4.8 A)

Version: USB PD version 3.0

Convenience

Built-in Speakers: 5 W x 2

Plug and Play Compatibility: DDC/CI, Mac OS, sRGB, Windows 11/10

User convenience: SmartImage, Input, User,

Menu, Power On/Off, Mute, Handup, Busylight

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), Earphone hook

Control software: SmartControl

MultiView: PIP/PBP mode, 2 x devices

Built-in webcam: Pop-up 5.0 megapixel camera with microphone and LED indicator

Webcam with auto-framing

Webcam tilt function: Yes, -/+30 degree

Busylight

KVM: Yes (Thunderbolt 4/USB-C1)

Noise cancellation

SmartKVM

Stand

Height adjustment: 180 mm

Swivel: -/+ 180 degree

Tilt: -5/30 degree

Power

ECO mode: 26.6 W (typ.)

Power supply: Built-in, 100–240 VAC, 50–60 Hz

On mode: 31.59 W (typ.) (Energy Star test method)

Standby mode: 0.4 W (typ.)

Power LED indicator: Operation - White, Standby mode - White (flashing)

Energy Label Class: F

Specifications

Dimensions

Packaging in mm (W x H x D):

980 x 525 x 188 mm

Product without stand (mm):

807 x 369 x 112 mm

Product with stand (max height):

807 x 575 x 281 mm

Weight

Product with packaging (kg): 11.15 kg

Product with stand (kg): 10.61 kg

Product without stand (kg): 7.85 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 2*, LightSensor, Energy Star, EPEAT*, RoHS

Post-consumer recycled plastic: 85%+OBP 5%

Recyclable packaging material: 100 %

Specific Substances: Mercury free, PVC/BFR free housing

Compliance and standards

Regulatory Approvals: CB, CE Mark, TUV/GS, TUV Ergo, TCO Certified, EAC, EAEU RoHS, MEPS, UKCA, EMF, FCC, ICES-003, EPA, eyesafe® CERTIFIED 2.0, TÜV Rheinland Low Blue Light (Hardware Solution)

Cabinet

Finish: Texture

Foot: Silver

Front bezel: Charcoal

Rear cover: Charcoal

What's in the box?

Cables: HDMI cable, DisplayPort cable, TBT4 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 CIE1976, sRGB Area based on CIE1931
- * 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.
- * Please note that the resolutions and refresh rates of a daisy-chain connection via Thunderbolt 4 depend on the input configuration. The following configurations illustrate the possible resolutions and associated data transfer rates: 1. Thunderbolt Input/Output: Resolution: 3440 x 1440 @ 75 Hz, 8 bit USB: USB 3.2 Gen 2, 10 G 2. 2. Thunderbolt Input/Output: Resolution: 3440 x 1440 @ 100 Hz, 8 bit USB: USB 3.2 Gen 1, 5 G 3. 3. Thunderbolt Input/Output: Resolution: 3440 x 1440 @ 120 Hz, 8 bit USB: USB 2.0. These configurations are dependent on the specific Thunderbolt 4 input settings and therefore may vary.
- * If your Ethernet connection seems slow, please enter the OSD menu and select a higher data speed which can support the LAN speed to 2.5 G.
- * Please note that the PowerSensor 2 is only functional with Windows 11 installed. When PowerSensor 2 is activated, WAL means Walk Away Lock and WOA means Wake On Approach.
- * 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 5 year warranty is a voluntary manufacturer's limited warranty. It applies only in the countries listed on this page <https://www.philips.co.uk/c-e/so/monitors/tco-certified-edge>. For consumers, it is provided in addition to, and without affecting, their legal rights under applicable national laws. For non-consumer (business/professional) end users, only the manufacturer's limited warranty terms apply.
- * The products and accessories listed on this leaflet may differ by country and region.
- * The monitor may look different from feature images.