

Philips Curved Business
monitor
WQHD monitor with
Thunderbolt™ 4

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

Designed for the way you work

- CrystalClear images with UltraWide QHD 3440 x 1440 pixels

Designed for the way you work

- PowerSensor 2: for optimised energy efficiency

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

- Tilt, swivel and height-adjust for an ideal viewing position
- Webcam with noise-cancelling microphone for collaboration
- Curved display design for a more immersive experience
- Busylight: for setting your work status

PHILIPS

WQHD monitor with Thunderbolt™ 4
6000 series 34" (86.36 cm), 3440 x 1440 (WQHD)

34B2U6603CH/00

Highlights

VA display



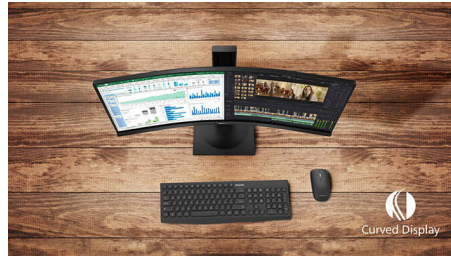
The Philips VA LED display uses an advanced multi-domain vertical alignment technology that gives you super-high static contrast ratios for extra-vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178 degree extra-wide viewing angle, resulting in crisp images.

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 peak brightness up to 400 nits, 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.

Curved display design



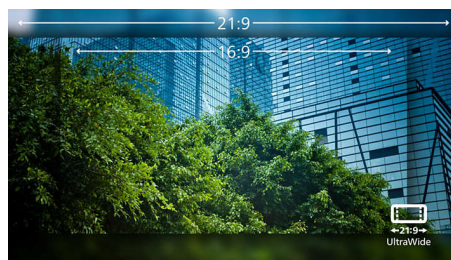
Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

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, a noise-cancelling microphone, and speakers, making it perfect for working from home and collaborating remotely. The webcam is certified for Windows Hello and is 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.

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.



Specifications

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, 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)

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 1500R 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

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 a microphone and LED indicator (for Windows Hello)
- 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

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*,

Specifications

LightSensor, Energy Star 8.0, EPEAT*, TCO Certified, 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, EPA, TUV/GS, TUV Ergo, TCO Certified, TCO 9.0, TCO Certified Edge, EAC, EAEU RoHS, MEPS, UKCA, EMF, FCC, ICES-003

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



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Version: 5.5.1

EAN: 87 12581 80463 3

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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

* 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.

* 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 products and accessories listed on this leaflet may differ by country and region.

* The monitor may look different from feature images.