

# PHILIPS

UltraWide LCD monitor  
with USB-C docking

Business Monitor

5000 series

40 (39.53" / 100.4 cm diag.)

3440 x 1440 (WQHD)

40B1U5601H



## Beyond well-equipped 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.

### Superb Picture Quality

- IPS LED wide view technology for image and colour accuracy
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- High Dynamic Range (HDR) for more lifelike colourful visuals

### Designed for the way you work

- MultiView enables simultaneous dual connection and view
- Secure sign-in with pop-up webcam
- DisplayPort-out for connecting additional displays
- Built-in KVM switch to easily switch between sources
- Collaboration-ready webcam with noise-cancelling mic.
- Earphone hook: Accessory within reach

### Single cable USB-C connection

- RJ-45 to USB-C gives easy network connection with security

### Designed for sustainability

- PowerSensor saves up to 80% energy costs

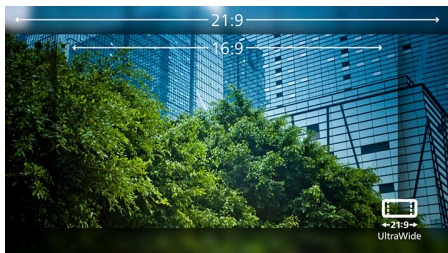
## Highlights

### IPS technology



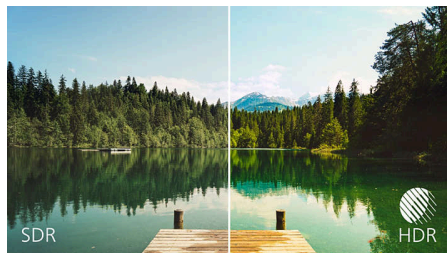
IPS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays give you remarkably crisp images with vivid colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all 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.

### High Dynamic Range (HDR)



High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating colour, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colours never before seen on a display, giving you a visual experience that engages your senses and inspires emotions.

### DisplayPort-out



With DisplayPort-out you can connect multiple high-resolution displays with just one cable from your first display to the PC. The ability to daisy chain multiple displays enables you to maintain a clean desktop without the hassle of too many wires.

### MultiClient Integrated KVM



With the MultiClient Integrated KVM switch, you can control two separate PCs with one monitor-keyboard-mouse setup. A convenient button

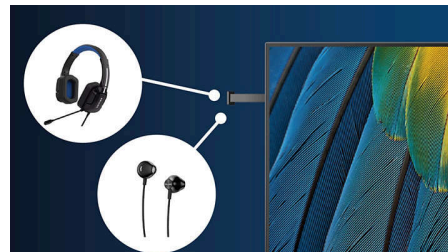
allows you to quickly switch between sources. Handy with setups that require dual PC computing power or sharing one large monitor to show two different PCs.

### 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.

### Earphone hook



The unique design of the headphone hook on the side of the Philips monitor brings the tidiness and cable management of your working station to the next level. Its easy access lets you put aside your headphones easily, making sure that all of the accessories you need are within reach.



## Business Monitor

UltraWide LCD monitor with USB-C docking

40B1U5601H/01

# Highlights

### 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.

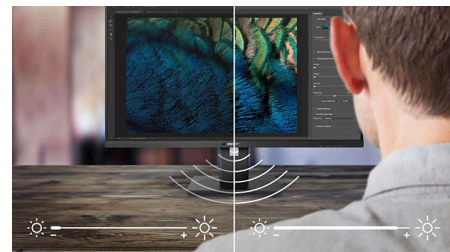
### USB-C Docking with RJ45



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.

### 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:** 40 inch  
**Viewable Size:** 39.53 inch/100.4 cm  
**Aspect ratio:** 21:9  
**LCD panel type:** IPS technology  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.26925 x 0.26925 mm  
**Brightness:** 300 cd/m<sup>2</sup>  
**Display colours:** 16.7 M (8 bit)  
**Colour gamut (typical):** NTSC 102%\*, sRGB 121%\*  
**Contrast ratio (typical):** 1200:1  
**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:** 926.22 (H) x 387.72 (V)  
**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  
**Flicker-free**  
**Pixel Density:** 94 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**SmartUniformity:** 93 ~ 105%  
**EasyRead**  
**HDR:** HDR 400 supported

## Connectivity

**Signal Input:** HDMI 2.0 x 1, DisplayPort 1.4 x 1, USB-C x 2 (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  
**Signal Output:** DisplayPort out x 1  
**HDCP:** HDCP 1.4 (HDMI/DisplayPort/USB-C), HDCP 2.2 (HDMI/DisplayPort/USB-C)  
**HBR3:** HBR3 (USB-C/DisplayPort)  
**USB Hub:** USB 3.2 Gen 2 / 10 Gbps, 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:** 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 X, Windows 11/10/8.1/8/7, sRGB  
**User convenience:** Mic, 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, Earphone hook, 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:** 150 mm  
**Swivel:** +/- 180 degree  
**Tilt:** -5/30 degree  
**Slant adjust:** +/- 2 degrees

## Power

**ECO mode:** 31.4 W (typ.)  
**Power supply:** Built-in, 100–240 VAC, 50–60 Hz  
**Off mode:** Zero watts with AC switch  
**On mode:** 40.2 W (typ.) (EnergyStar test method)  
**Standby mode:** 0.4 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode - White (flashing)  
**Energy Label Class:** G

## Dimensions

**Packaging in mm (W x H x D):** 1070 x 507 x 226 mm  
**Product without stand (mm):** 944 x 419 x 54 mm  
**Product with stand (max height):** 944 x 628 x 280 mm

## Weight

**Product with packaging (kg):** 17.83 kg  
**Product with stand (kg):** 14.12 kg  
**Product without stand (kg):** 9.90 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:** Energy Star, PowerSensor, LightSensor, EPEAT\*, 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, EAEU RoHS, TUV Ergo, TUV/GS, ETL, TCO Certified, CEC, SEMKO, MEPS, PSB, PSE, KC, CEL, CCC, CEC, EMC, BSMI, VCCI, UKCA, EMF, FCC, ICES-003

## Cabinet

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

## What's in the box?

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

\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.

\* 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.

