

Philips Business Monitor  
UltraWide LCD monitor  
with USB-C docking

### 5000 series

40 (39.53"/100.4 cm diag.)  
3440 x 1440 (WQHD)

40B1U5601H



## Beyond well-equipped

with built-in webcam

This USB-C monitor is for data transfer, power delivery and watching videos. The integrated 5 MP webcam delivers sharp images, and the noise cancelling mic lets 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

#### 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

- DisplayPort-out for connecting additional displays
- Built-in KVM switch to easily switch between sources
- MultiView enables simultaneous dual connection and view
- Webcam with noise-cancelling microphone for collaboration
- Accessory within reach

#### Designed for sustainability

- PowerSensor saves up to 80% energy costs

# PHILIPS

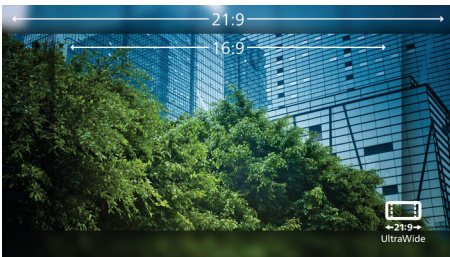
# Highlights

## USB-C Docking with RJ45



Simplify all peripherals from monitor to PC using one-cable docking USB Type-C connector, 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.

## 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

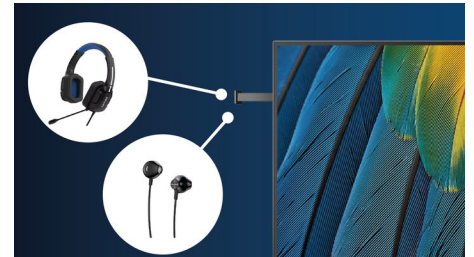
button allows you to quickly switch between sources. Handy with setups that require dual PC computing power or sharing one large monitor to show two different PCs.

## Webcam and noise-cancelling mic



This Philips monitor comes with a built-in 5 MP webcam, 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.

## 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.



USB-C Docking



Wide Viewing Angle



WQHD



HDR



MultiClient Integrated KVM



Multiview



Noise cancellation



CompactErgo Base



PowerSensor

# Specifications

## Picture/Display

- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 40 inch
- Viewable Size: 39.53 inch/100.4 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 926.22 (H) x 387.72 (V)
- Aspect ratio: 21:9
- Maximum resolution: HDMI:  
3440 x 1440 @ 100 Hz, DP/USB-C:  
3440 x 1440 @ 120 Hz
- Pixel Density: 94 PPI
- Response time (typical): 4 ms (Grey to Grey)\*
- Brightness: 300 cd/m<sup>2</sup>
- Contrast ratio (typical): 1200:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.26925 x 0.26925 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Display colours: 16.7 M (8 bit)
- Colour gamut (typical): NTSC 102%\*, sRGB 121%\*
- HDR: HDR 10 supported
- 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
- sRGB
- LowBlue Mode
- EasyRead

## 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)
- HDCP: HDCP 1.4 (HDMI/DisplayPort/USB-C), HDCP 2.2 (HDMI/DisplayPort/USB-C)
- HBR3: HBR3 (USB-C/DisplayPort)
- Signal Output: DisplayPort out x 1
- 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)
- Audio (In/Out): Audio out/Microphone in combo jack
- RJ45: Ethernet LAN up to 1 G\*, Wake on LAN
- Sync Input: Separate Sync

## Power Delivery

- Version: USB PD version 3.0
- 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)

## 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, 2 x devices
- KVM: Yes (USB-C/USB-C)
- User convenience: Mic, 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, Earphone hook, VESA mount (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7

## Stand

- Height adjustment: 150 mm
- Swivel: -/+ 180 degree
- Tilt: -5/30 degree
- Slant adjust: -/+ 2 degrees

## Power

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

## Dimensions

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

## Weight

- Product with stand (kg): 14.12 kg
- Product without stand (kg): 9.90 kg
- Product with packaging (kg): 17.83 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

## Sustainability

- Environmental and energy: EnergyStar 8.0, PowerSensor, LightSensor, EPEAT\*, 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, cETLus

## 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: 2.3.2

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EAN: 87 12581 79749 2

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or their respective owners.

[www.philips.com](http://www.philips.com)

\* "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.