

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 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.

#### 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 color accuracy
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- High Dynamic Range (HDR) for more lifelike colorful 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

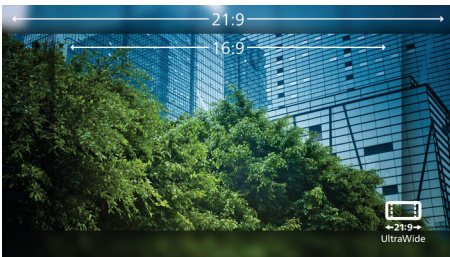
# Highlights

## USB-C Docking with RJ45



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

## 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.

## High Dynamic Range (HDR)



High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on 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 create a clean desktop without the hassle of too many wires all over.

## MultiClient Integrated KVM



With MultiClient Integrated KVM switch, you can control two separate PCs with one

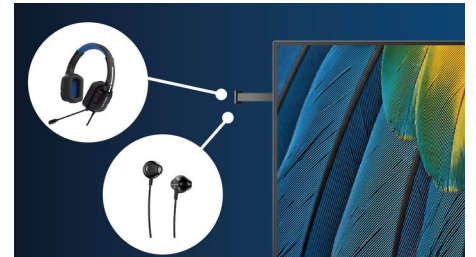
monitor-keyboard-mouse set up. A convenient button allows you to quickly switch between sources. Handy with set-ups that require dual PC computing power or sharing one large monitor to show two different PCs.

## 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.

## Earphone hook



The unique design of headphone hook on the side of the Philips monitor brings the tidiness and cable management of your working station to the next level. The easy access of it lets you put aside your headphone easily, making sure that all the accessory you need is 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 (Gray to Gray)\*
- 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 colors: 16.7 M (8 bit)
- Color 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 100W)
- 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 15W)
- Audio (In/Out): Audio out / Microphone in combo jack
- RJ45: Ethernet LAN up to 1G\*, Wake on LAN
- Sync Input: Separate Sync

## Power Delivery

- Version: USB PD version 3.0
- Max power delivery: Up to 100 W\* (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.8A)

## Convenience

- Built-in Speakers: 5 W x 2
- Built-in webcam: Pop-up 5.0 megapixel camera with microphone and LED indicator (for Windows Hello)
- Noise cancellation
- MultiView: PIP/PBP mode, 2x 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 (100x100mm)
- Plug & 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 degree

## 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 (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

## 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 (WxHxD): 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- 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, 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: 3.3.2

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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 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.