

# PHILIPS

Quad HD monitor  
with USB-C

Business monitor

3000 series  
31.5" (80 cm)  
2560 x 1440 (Quad HD)  
32B2U3601H



## Redefining workflow productivity

with a pop-up webcam

Speed through daily tasks in comfort with this monitor's SoftBlue technology and 100 Hz refresh rate. Productivity-enhancing features like USB-C and pop-up webcam with Windows Hello deliver the performance and convenience you expect.

### Designed for the way you work

- Built-in stereo speakers for multimedia
- Windows Hello Compatible – Seamless, Secure Access
- Smart Link Sync: for uniform daisy-chained displays
- Eyesafe-certified blue light protection and colour accuracy
- Less eye fatigue with Flicker-Free technology
- Adjustable Webcam: for video conferencing in comfort.
- SoftBlue Technology: for comfortable viewing

### 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

- 100 Hz refresh rates for ultra-smooth images
- Crystal clear images with Quad HD 2560 x 1440 pixels
- 1.07 billion colours for smooth colour gradations and detail

# Highlights

## CrystalClear images



These Philips screens deliver CrystalClear, Quad HD 2560 x 1440 or 2560 x 1080 pixel images. Utilising high performance panels with a high-density pixel count enabled by high bandwidth sources, these new displays will make your images and graphics come alive. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions using 3D graphic applications, or a financial wizard working on huge spreadsheets, Philips displays will give you CrystalClear images.

## 100 Hz fast refresh



This Philips display refreshes the screen image up to 100 times per second which makes this monitor much faster than a standard display. With a 100 Hz frame rate, gamers are able to find those critical images on the screen that show enemy movement in an ultra-smooth motion so that they are easily targetable.

## 10-bit colours



The 10 bit display delivers rich colour depth with 1.07 billion colours and 12 bit internal processing for re-creating smooth, natural colours without gradations or colour banding.

## SoftBlue Technology with Low Blue Light Panel



SoftBlue technology offers increased visual comfort and protection against adverse health effects caused by prolonged exposure to blue light. With the low blue-light panel, the ratio of display emission light in the range of 415-455 nm to 400-500 nm is reduced to less than 50%. As a result, the SoftBlue technology provides optimal visual comfort, minimises eye strain and supports sustained focus. Not to mention, SoftBlue LED technology is tested and TÜV Rheinland Low Blue Light (Hardware Solution) certified for its effectiveness in reducing blue light emissions.

## Built-in stereo speakers



A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

## Flicker-Free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips

Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

## TÜV Rheinland Eyesafe - RPF® 40



Philips display meets the TÜV Rheinland Eyesafe® standard to truly protect you from long exposure to blue light. The always-on blue light filter not only helps reduce digital eye strain, but also guarantees colour integrity.

## Smart Link Sync



Easily create a seamless multi-monitor workspace with Smart Link Sync, designed to automatically align display settings across daisy-chained monitors. Whether you're designing, presenting or multitasking, enjoy consistent brightness and colour without manual tweaks. Choose from OSD Sync or Light Sync modes (Low, Mid or High) on the primary monitor to match your environment. For identical monitors, any mode ensures uniform visuals; for mixed models, Light Sync intelligently adjusts luminance for a balanced, professional look across screens.



Quad HD



100Hz



SoftBlue Technology



Built-in Speaker



Flicker-free



## Business monitor

Quad HD monitor with USB-C

32B2U3601H/00

# 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.

## Windows Hello Compatible



Log in faster and more securely with Windows Hello. The webcam on this Philips monitor is compatible with Windows Hello, offering quick facial recognition and effortless access - every time you power on.

## 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.

## High-speed data transfer

USB 3.2 high-speed data transfer

## Business monitor

Quad HD monitor with USB-C

32B2U3601H/00

# Specifications

## Picture/Display

**Panel Size:** 31.5 inch/80 cm  
**Aspect ratio:** 16:9  
**LCD panel type:** IPS technology  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.2727 x 0.2727 mm  
**Brightness:** 350 cd/m<sup>2</sup>  
**Display colours:** 1.07B (10 bits)  
**Colour gamut (typical):** NTSC area: 102%, sRGB area: 113%\*  
**Contrast ratio (typical):** 1000:1  
**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:** 2560 x 1440@100 Hz (HDMI/DP/USBC)\*  
**Effective viewing area:**  
698.112(H) x 392.688(V) mm  
**Scanning Frequency:** 30 kHz-150 kHz (H)/48-100 Hz (V)  
**sRGB**  
**SoftBlue**  
**Flicker-free**  
**Pixel Density:** 93 PPI  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**EasyRead**  
**Adaptive sync**  
**EyeSafe**  
**Smart Link Sync:** When used as a primary or secondary monitor\*

## Connectivity

**Signal Input:** HDMI 2.0 x 1, DisplayPort 1.4 x 1, USB-C x 1 (upstream, DP Alt mode, data, PD)  
**Sync Input:** Separate Sync, Sync on Green  
**Audio (In/Out):** Audio out x 1  
**RJ45:** Ethermet LAN (10 M/100 M/1 G)  
**Signal Output:** DP out x 1  
**HDCP:** HDCP 1.4 (HDMI/DisplayPort/USB-C); HDCP 2.2 (HDMI/DisplayPort/USB-C)  
**HBR3:** Yes (DP, USB-C)  
**USB Hub:** USB3.2, Gen1, 5G, upstream: USB-C x 1 (Full); downstream: USB-A x 4 (with x 1 fast charge B.C 1.2)

## Power Delivery

**Max power delivery:** Up to 90 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/3.25 A, 20 V/4.5 A)  
**Version:** USB PD version 3.0

## Convenience

**Built-in Speakers:** 2 W x 2  
**Plug and Play Compatibility:** DDC/CI, Mac OS, sRGB, Windows 11/10  
**User convenience:** SmartImage, Input, Brightness, 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, VESA

mount (100 x 100 mm)

**Control software:** SmartControl

**Built-in webcam:** 5.0 megapixel camera with microphone and LED indicator (for Windows Hello)

## Stand

**Height adjustment:** 180 mm

**Pivot:** -/+90 degree

**Swivel:** -/+ 180 degree

**Tilt:** -5/30 degree

## Power

**ECO mode:** 17.4 W (typ.)

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

**Off mode:** 0.3 W (typ.)

**On mode:** 25.8 W (typ.) (Energy Star test method)

**Standby mode:** 0.3 W (typ.)

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

**Energy Label Class:** D

## Dimensions

**Packaging in mm (W x H x D):**

840 x 510 x 159 mm

**Product without stand (mm):** 714 x 423 x 61 mm

**Product with stand (max height):**

714 x 627 x 299 mm

# Specifications

## Weight

Product with packaging (kg): 13.74 kg

Product with stand (kg): 9.87 kg

Product without stand (kg): 7.07 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:** EPEAT\*, RoHS,

Energy Star

**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, EPA, ETL,

CEC, TUV/GS, TUV Ergo, TCO Certified, TCO

Certified Edge, EAC, EAC ROHS, MEPS, PSE, VCCI,

UKCA, EMF, FCC, ICES-003, eyesafe® CERTIFIED

2.0, TÜV Rheinland Low Blue Light (Hardware Solution)

**Warranty:** 5 years

## Cabinet

**Finish:** Texture

**Foot:** Black

**Front bezel:** Black

**Rear cover:** Black

## What's in the box?

**Cables:** HDMI cable, DP cable, USB-C to C/C cable and Power cable

**Monitor with stand**

**User Documentation**

\* Response time value equal to SmartResponse

\* sRGB Area based on CIE1931, NTSC Area based on CIE1976.

\* 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.

\* When USB-C is set to High Resolution mode, the maximum supported resolution is 2560 x 1440@100 Hz.

\* 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.

\* For Smart Link Sync to function properly, all daisy-chained monitors must be compatible with Smart Link.

\* The monitor may look different from feature images.

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

