

PHILIPS

Quad HD monitor
with USB-C

Business monitor

3000 series

31.5" (80cm)

2560 x 1440 (Quad HD)

32B2U3601H



Redefining workflow productivity

with pop-up webcam

Speed through daily tasks in comfort with this monitor's SoftBlue technology and 100Hz 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
- Smart Link Sync: for uniform daisy-chained displays
- Windows Hello Compatible – Seamless, Secure Access
- Eyesafe certified blue light protection and color 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

- 100Hz refresh rates for ultra-smooth images
- Crystalclear images with Quad HD 2560 x 1440 pixels
- 1.07 billion colors for smooth color gradations and detail

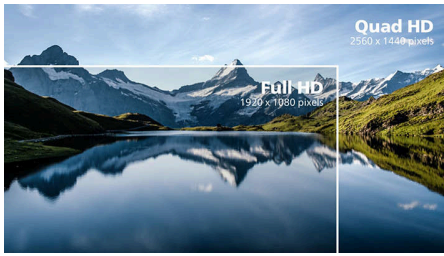
Business monitor

Quad HD monitor with USB-C

32B2U3601H/75

Highlights

Crystalclear images



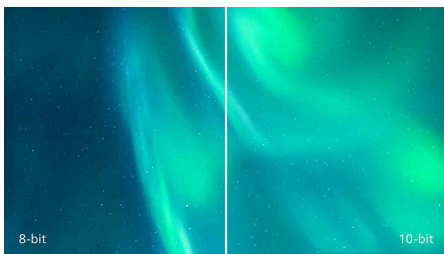
These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring 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.

100Hz Fast refresh



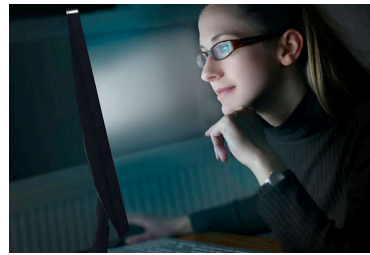
This Philips display refreshes the screen image up to 100 times per second which makes this monitor much faster than a standard display. With a 100Hz frame rate, gamers are able to find those critical images on the screen that show enemy movement in an ultra-smooth motion so that they are easily targetable.

10-bit colors



The 10-bit display delivers rich color depth with 1.07 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color 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 400-500nm is reduced to less than 50%. As a result, the SoftBlue technology provides optimal visual comfort, minimizes 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. It can 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.

eyesafe® CERTIFIED 2.0 (RPF 40)



The Philips display meets the eyesafe® CERTIFIED 2.0 standard to truly protect you from the long exposure to blue light. The always-on blue light filter not only helps reduce digital eye strain, but also guarantees color 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 color 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



USB-C Docking

Business monitor

Quad HD monitor with USB-C

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Highlights

Adjustable Webcam



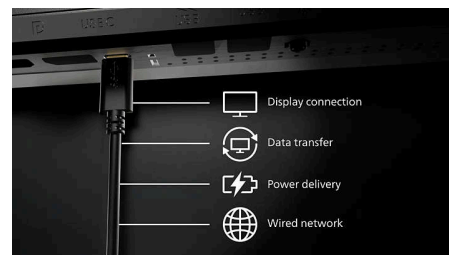
Level up the comfort of video conferencing with this feature. By adjusting the webcam back and forth by 30 degrees, users can now comfortably call and attend meetings from any position that best suits them.

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, 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.

High speed data transfer

USB 3.2 high speed data transfer

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: 0.2727x0.2727mm
 Brightness: 350 cd/m²
 Display colors: 1.07B (10 bits)
 Color gamut (typical): NTSC area: 102%, sRGB area: 113%*
 Contrast ratio (typical): 1000:1
 SmartContrast: 50,000,000:1
 Response time (typical): 4 ms (Gray to Gray)*
 Viewing angle: 178° (H) / 178° (V), @ C/R > 10
 Picture enhancement: SmartImage
 Maximum resolution: 2560x1440@100Hz (HDMI/DP/USB-C)*
 Effective viewing area: 698.112(H)x392.688(V) mm
 Scanning Frequency: 30K-150KHz (H) / 48-100Hz (V)
 sRGB
 SoftBlue
 Flicker-free
 Pixel Density: 93 PPI
 Display Screen Coating: Anti-Glare, 3H, Haze 25%
 EasyRead
 Adaptive sync (VRR)
 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 x1 (upstream, DP Alt mode, data, PD)
 Sync Input: Separate Sync, Sync on Green
 Audio (In/Out): Audio out x 1
 RJ45: Ethernet LAN (USB 2.0: 10M/100M; USB 3.0: 1000M), PXE/MAPT/WOL*
 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 x1 (Full); downstream: USB-A x4 (with x1 fast charge B.C 1.2)

Power Delivery

Max power delivery: Up to 90W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/3.25A, 20V/4.5A)
 Version: USB PD version 3.0

Convenience

Built-in Speakers: 2 W x 2
 Plug & 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 (100x100mm)
 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, 100-240VAC, 50-60Hz
 Off mode: 0.3 W (typ.)
 On mode: 25.8 W (typ.) (EnergyStar test method)
 Standby mode: 0.3 W (typ.)
 Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

Packaging in mm (WxHxD): 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

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

Cabinet

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

- * Response time value equal to SmartResponse
- * sRGB Area based on CIE1931, NTSC Area based on CIE1976.
- * RJ45 supports PXE (Preboot eXecution Environment), MAC Address Pass-Through (MAPT) , and Wake on LAN (WOL) on compatible systems. Support may vary depending on system configuration.
- * 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.
- * When USB-C is set to High Resolution mode, the maximum supported resolution is 2560x1440@100Hz.
- * EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.
- * 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.

