

Philips Business Monitor  
4K UHD monitor with  
USB-C docking

### 3000 series

32 (31.5" / 80 cm diag.)  
3840 x 2160 (4K UHD)

32B1U3900



## Daily routine simplified

This 32-inch monitor showcases beautiful imagery in 4K resolution and a 1.074 billion color gamut. In addition, its USB-C connection allows you to easily connect peripherals during a busy workday.

### Excellent performance

- VA display delivers awesome images with wide viewing angles
- SmartImage presets for easy optimized image settings
- UltraClear 4K UHD (3840x2160) resolution for precision
- 1.074 billion colors for smooth color gradations and detail

### Designed for the way you work

- Built-in stereo speakers for multimedia
- SmartErgoBase enables people-friendly ergonomic adjustments
- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- EasyRead mode for a paper-like reading experience

### Single cable USB-C connection

- Built in USB-C docking station

# PHILIPS

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3000 series 32 (31.5" / 80 cm diag.), 3840 x 2160 (4K UHD)

32B1U3900/00

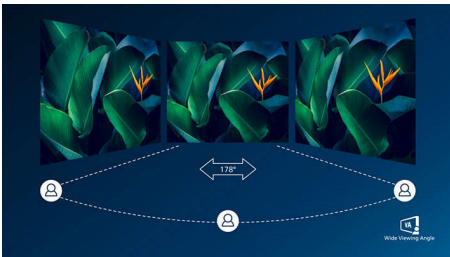
# Highlights

## Built in USB-C docking station



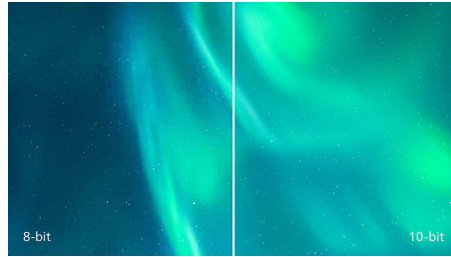
This Philips display features a built-in USB type-C docking station with power delivery. Its slim, reversible USB-C connector allows for easy, one-cable docking. Simplify by connecting all your peripherals like keyboard, mouse and your RJ-45 Ethernet cable to the monitor's docking station. Simply connect your notebook and this monitor with a single USB-C cable to watch high-resolution video and transfer super-speed data, while powering up and re-charging your notebook at the same time.

## VA display



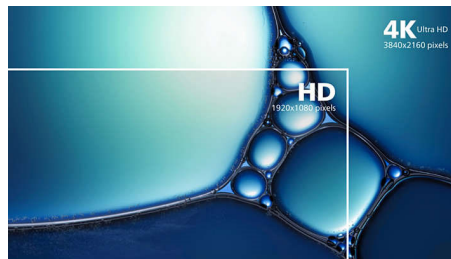
Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

## 10-bit colors



The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color banding.

## UltraClear 4K UHD Resolution



These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office,

Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

## DisplayPort connection



DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

## HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).



# Specifications

## Connectivity

- Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1, USB-C x 1 (upstream, DP Alt mode, Data, PD up to 90 W)
- Sync Input: Separate Sync
- Audio (In/Out): Audio out
- RJ45: Ethernet LAN up to 1G\*
- HDCP: HDCP 1.4 (HDMI / DisplayPort / USB-C); HDCP 2.2 (HDMI / DisplayPort / USB-C)
- USB Hub: USB3.2, Gen1, 5G; upstream: USB-C x1; downstream: USB-A x4 (with x1 fast charge B.C 1.2)

## Picture/Display

- Panel Size: 31.5"/80cm
- Aspect ratio: 16:9
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.18159 x 0.18159 mm
- Brightness: 350 cd/m<sup>2</sup>
- Display colors: 1.07B (10 bits)
- Color gamut (typical): sRGB 122%, NTSC 106 % \*
- Contrast ratio (typical): 3500:1
- 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: 3840x2160@60Hz
- Effective viewing area: 697.306 (H) x 392.234 (V)mm
- Scanning Frequency: 30 - 140 kHz (H) / 23 - 75 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 140 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- EasyRead

## Power Delivery

- Max power delivery: USB-C up to 90 W\* (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.5A)
- Version: USB PD version 3.0

## Convenience

- Built-in Speakers: 3 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

## Stand

- Height adjustment: 180 mm
- Pivot: -/+90 degree
- Swivel: -/+180 degree
- Tilt: -5/25 degree

## Power

- ECO mode: 20.4 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: 0.3 W (typ.)
- On mode: 34.8 W (typ.) (EnergyStar test method)
- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Energy Label Class: F

## Dimensions

- Packaging in mm (WxHxD): 930 x 563 x 186 mm
- Product without stand (mm): 714 x 422 x 62 mm
- Product with stand(max height): 714 x 631 x 280 mm

## Weight

- Product with packaging (kg): 16.23 kg
- Product with stand (kg): 11.47 kg
- Product without stand (kg): 7.56 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: RoHS
- Post consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free, Lead-free

## Compliance and standards

- Regulatory Approvals: CB, CE Mark, TUV/GS, TUV Ergo, EAC, EAEU RoHS, MEPS, UKCA, EMF, FCC, ICES-003

## Cabinet

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

## What's in the box?

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



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Version: 1.1.0

EAN: 87 21038 00121 1

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\* The speed of Ethernet LAN, will vary depending on the USB port used. For USB 2.0, the maximum speed is 10M/100M, while USB 3.2 supports speeds up to 1G.

\* 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

\* 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.

\* The USB-C power delivery of this display is up to 65 W, the maximum power delivery will depend on your device.

\* The monitor may look different from feature images.

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