



**Business Monitor**

**4K UHD monitor with USB-C docking**

32B1U3900/27

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.



**Daily routine simplified**

• 3000 series

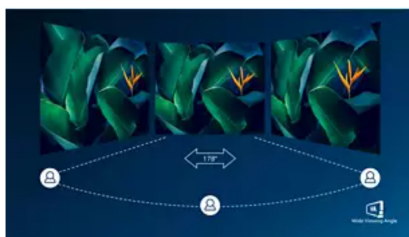
• 32 (31.5" / 80 cm diag.)

• 3840 x 2160 (4K UHD)



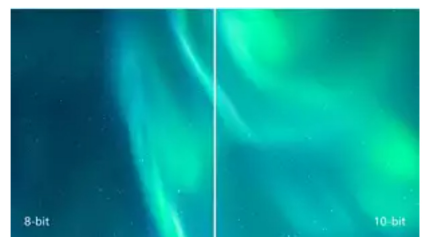
**Built in USB-C docking station**

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.



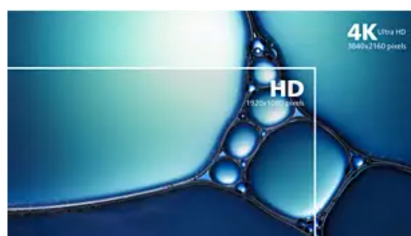
**VA display delivers awesome images with wide viewing angles**

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.



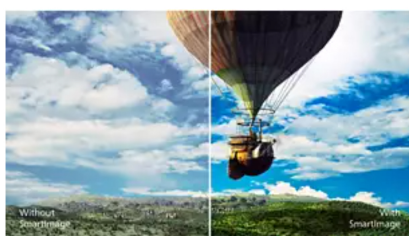
**1.074 billion colors for smooth color gradations and detail**

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 (3840x2160) resolution for precision**

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 presets for easy optimized image settings**

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 for maximum visuals**

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 ensures universal digital connectivity

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).



### Less eye fatigue with 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.



### LowBlue Mode for easy on-the-eyes productivity

Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.



### EasyRead mode for a paper-like reading experience



### Built-in stereo speakers for multimedia

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.



### SmartErgoBase enables people-friendly ergonomic adjustments

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

## Logo



# Specifications

Picture/Display	<b>Panel Size</b>	31.5"/80cm
	<b>Aspect ratio</b>	16:9
	<b>LCD panel type</b>	VA LCD
	<b>Backlight type</b>	W-LED system
	<b>Pixel pitch</b>	0.18159 ×0.18159 mm
	<b>Brightness</b>	350 cd/m <sup>2</sup>
	<b>Display colors</b>	1.07B (10 bits)*
	<b>Color gamut (typical)</b>	sRGB 122%, NTSC 106 %*
	<b>Contrast ratio (typical)</b>	3500:1
	<b>SmartContrast</b>	50,000,000:1
	<b>Response time (typical)</b>	4 ms (Gray to Gray)*
	<b>Viewing angle</b>	178° (H) / 178° (V) @ C/R > 10
	<b>Picture enhancement</b>	SmartImage
	<b>Maximum resolution</b>	3840x2160@60Hz
	<b>Effective viewing area</b>	697.306 (H) x 392.234 (V)mm
	<b>Scanning Frequency</b>	30 - 140 kHz (H) /23 - 75 Hz (V)
	<b>sRGB</b>	Yes
	<b>Flicker-free</b>	Yes
	<b>Pixel Density</b>	140 PPI
	<b>LowBlue Mode</b>	Yes
	<b>Display Screen Coating</b>	Anti-Glare, 3H, Haze 25%
	<b>EasyRead</b>	Yes
	Connectivity	<b>Signal Input</b>
<b>Sync Input</b>		Separate Sync
<b>Audio (In/Out)</b>		Audio out
<b>RJ45</b>		Ethernet LAN up to 1G*
<b>HDCP</b>		HDCP 1.4 (HDMI / DisplayPort / USB-C); HDCP 2.2 (HDMI / DisplayPort / USB-C)
<b>USB Hub</b>		USB3.2, Gen1, 5G; upstream: USB-C x1 ;downstream: USB-A x4 (with x1 fast charge B.C 1.2)

Power Delivery	<b>Max power delivery</b>	USB-C up to 90 W* (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.5A)
	<b>Version</b>	USB PD version 3.0
Convenience	<b>Built-in Speakers</b>	3 W x 2
	<b>Plug &amp; Play Compatibility</b>	DDC/CI Mac OS sRGB Windows 11 / 10
	<b>User convenience</b>	SmartImage Input Brightness Menu Power On/Off
	<b>OSD Languages</b>	Brazil Portuguese Czech Dutch English French Finnish German Greek Hungarian Italian Japanese Korean Portuguese Polish Russian Simplified Chinese Spanish Swedish Traditional Chinese Turkish Ukrainian
	<b>Other convenience</b>	Kensington lock VESA mount (100x100mm)
	<b>Control software</b>	SmartControl
Stand	<b>Height adjustment</b>	180 mm
	<b>Pivot</b>	-/+90 degree
	<b>Swivel</b>	-/+180 degree
	<b>Tilt</b>	-5/25 degree
Power	<b>ECO mode</b>	20.4 W (typ.)
	<b>Power supply</b>	Built-in 100-240VAC, 50-60Hz
	<b>Off mode</b>	0.3 W (typ.)
	<b>On mode</b>	34.8 W (typ.) (EnergyStar test method)
	<b>Standby mode</b>	0.3 W (typ.)
	<b>Power LED indicator</b>	Operation - White Standby mode- White (blinking)
Dimensions	<b>Packaging in mm (WxHxD)</b>	930 x 563 x 186 mm



	<b>Product without stand (mm)</b>	714 x 422 x 62 mm
	<b>Product with stand(max height)</b>	714 x 631 x 280 mm
<b>Weight</b>	<b>Product with packaging (kg)</b>	16.23 kg
	<b>Product with stand (kg)</b>	11.47 kg
	<b>Product without stand (kg)</b>	7.56 kg
<b>Operating conditions</b>	<b>Altitude</b>	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
	<b>Temperature range (operation)</b>	0°C to 40 °C
	<b>Relative humidity</b>	20%-80 %
	<b>Temperature range (storage)</b>	-20°C to 60 °C
	<b>MTBF (demonstrated)</b>	70,000 hrs (excluded backlight)
<b>Sustainability</b>	<b>Environmental and energy</b>	RoHS
	<b>Post consumer recycled plastic</b>	85%
	<b>Recyclable packaging material</b>	100 %
	<b>Specific Substances</b>	PVC / BFR free housing Mercury free Lead-free
<b>Compliance and standards</b>	<b>Regulatory Approvals</b>	CB CE Mark TUV/GS TUV Ergo EAC EAEU RoHS MEPS UKCA EMF FCC ICES-003
<b>Cabinet</b>	<b>Finish</b>	Texture
	<b>Foot</b>	Black/Black
	<b>Front bezel</b>	Black/Black
	<b>Rear cover</b>	Black/Black

## Disclaimers

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 90 W, the maximum power delivery will depend on your device.

At a maximum resolution of 3840 x 2160, 10 bit color depth can only be reached at 60Hz with a DisplayPort connection. For more information, please check the user manual.

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

The monitor may look different from feature images.