

PHILIPS

32:9 SuperWide
Thunderbolt™ 4 monitor

Curved Business monitor

6000 series

49 (48.8" / 124 cm diag.)

5120 x 1440 (Dual QHD)

49B2U6903CH



Redefining workflow productivity

with pop-up webcam

This Philips Thunderbolt™ 4 monitor is designed with everything you need for a collaborative remote workspace. Its webcam features such as auto-framing and a busy light for an unmatched video conferencing experience.

Thunderbolt™ 4 for flexibility and performance

- Thunderbolt™ 4 Connection: for lightning-fast connectivity

Superb Picture Quality

- VA display delivers awesome images with wide viewing angles
- DisplayHDR 400 for more lifelike and outstanding visuals

Designed for the way you work

- PowerSensor 2: for optimized energy efficiency
- 32:9 SuperWide screen designed to replace multiscreen setups
- Collaboration-ready webcam with noise-cancelling mic.
- Curved display design for more immersive experience
- Busylight: for setting your working status
- Earphone Hook: for customizable storage
- SmartKVM: for easily switching between sources.
- AI-enhanced Webcam Autoframing: for dynamic video calls.
- Adjustable Webcam: for video conferencing in comfort.

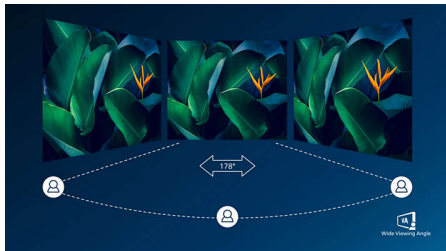
Curved Business monitor

32:9 SuperWide Thunderbolt™ 4 monitor

49B2U6903CH/75

Highlights

VA display



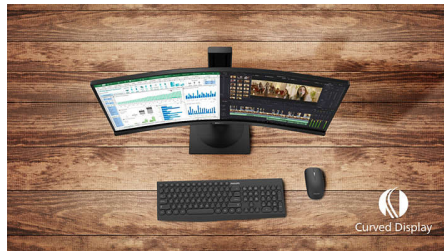
Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding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

DisplayHDR 400



VESA-certified DisplayHDR 400 delivers a significant step-up from normal SDR displays. Unlike other 'HDR compatible' screens, true DisplayHDR 400 produces astonishing brightness, contrast and colors. With global dimming and minimum 400 nits brightness, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.

Curved display design



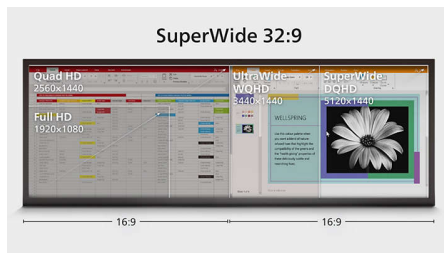
Desktop monitors offer a personal user experience, which suits a curve design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the center of your desk.

SmartKVM



Unlike traditional built-in KVM monitor button, the smart KVM allows for switching between sources with the click of a button on your keyboard. When all devices are properly connected, users can easily switch between sources by clicking the "Ctrl" key three times.

32:9 SuperWide



32:9 SuperWide 49" screen, with 5120 x 1440 resolution, is designed to replace multiscreen setups for massive wide view. It's like having two 27" 16:9 Quad HD displays side-by-side. SuperWide monitors offer screen area of dual monitors without the complicated setup.

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.

AI-enhanced Webcam Autoframing



This AI-enhanced feature is perfect for multi-person video conferencing. When one or more people join the webcam view, the AI-powered feature will automatically adjust and zoom to fit all team members in the frame. Likewise, when participants leave the webcam view, the AI-enhanced webcam will adjust accordingly; thereby making it ideal for long meetings as well as team calls.

Earphone Hook

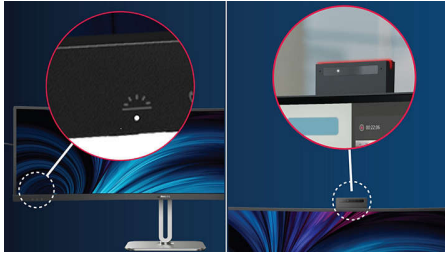


Earphone storage is unmatched with this feature. Carefully pull down the hook located on the side of the monitor: This feature makes for a tidy desktop and provides a handy cable management solution for your workspace.



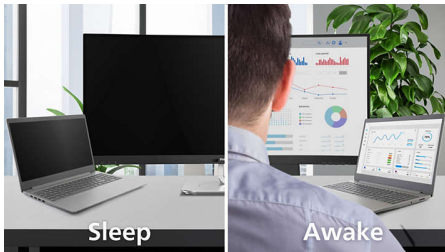
Highlights

Busylight



This feature allows for privacy and optimal collaboration when working in a busy office setting. To transmit to others that they are busy, users can simply press the Busylight hotkey located on the bottom left menu of the monitor bezel and the light located on the webcam will turn red. In addition to this, the Busylight feature can also sync with user's Microsoft Teams status.

PowerSensor 2



This monitor's PowerSensor 2 feature reduces energy consumption by detecting when users move closer and further away from the screen.

After switching the OSD setting to "User", it is then needed to adjust the settings in Windows 11 for this feature to function properly. When adjustments are made, the monitor and connected PC/laptop will wake when someone approaches it and will sleep when someone walks away; effectively reducing the amount of wake time. The distance for detection can be changed from 50, 75, to 120cm from the user's laptop. Please note that Windows 11 must be installed.

Webcam & noise cancelling mic



This Philips monitor comes with a built-in 5MP webcam, noise-cancelling microphone, and speakers, making it perfect for working from home and collaborating remotely. It is equipped with advanced sensors that work seamlessly with Windows Hello facial recognition, allowing you to log into your Windows devices in less than 2 seconds. For added privacy, a physical camera switch lets you disable the webcam when not in

use. The noise-cancelling microphone and dual 5-watt integrated speakers ensure clear communication.

Thunderbolt™ 4 for flexibility and performance



This Philips docking monitor is equipped with Thunderbolt 4 connection. Compared with conventional USB-C monitors, Thunderbolt 4 technology provides lightning-fast data transfer speeds, supports high resolution video, offers multi-stream transport for daisy chaining, and has the capability of up to 100W of power delivery to external devices.

Curved Business monitor

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Specifications

Picture/Display

Panel Size: 48.8inch/124cm
Aspect ratio: 32:9
LCD panel type: VA LCD
Backlight type: W-LED system
Pixel pitch: 0.2328x0.2328mm
Brightness: 450(SDR) cd/m², 500(HDR) cd/m²
Display colors: 1.07 B
Color gamut (typical): NTSC: 97%*, sRGB: 119%*
Contrast ratio (typical): 3000:1
SmartContrast: 80,000,000:1
Response time (typical): 4 ms (Gray to Gray)*
Viewing angle: 178° (H) / 178° (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 5120x1440@60Hz (HDMI2.0)*, 5120x1440@100Hz(DP1.4)*, 5120x1440@75Hz (Thunderbolt)*
Effective viewing area: 1191.936(H)x335.232(V)mm,1800R curvature*
Scanning Frequency: HDMI: 30 - 140 kHz (H) / 30-75 Hz (V); DP/Thunderbolt: 30 - 200 kHz (H) / 48-120 Hz (V)
sRGB
Delta E: < 2 (sRGB)
SoftBlue
Flicker-free
Pixel Density: 109 PPI
Display Screen Coating: Anti-Glare, 3H, Haze 25%
SmartUniformity: 93 ~ 105%
EasyRead
Adaptive sync
HDR: Display HDR 400 certified
EyeSafe

Connectivity

Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 1, Thunderbolt 4 input x 1 (upstream, Data, Video, PD to 100W)
Sync Input: Separate Sync, Sync on Green
Audio (In/Out): Audio out / Microphone in combo jack
RJ45: Ethernet LAN up to 2.5G*, Wake on LAN
Signal Output: Thunderbolt 4 output x 1 (downstream, Data, Video, PD 15W)
HDCP: HDCP 1.4 (HDMI / DisplayPort / Thunderbolt 4), HDCP 2.2 (HDMI / DisplayPort / Thunderbolt 4)
HBR3: HBR 3 (Thunderbolt 4)
USB Hub: USB 3.2 Gen 2 / 10 G, upstream: 1x Thunderbolt 4, 1x USB-C1 (data); downstream: 1x Thunderbolt 4, USB-A x4 (with x1 fast charge B.C 1.2), USB-C2x1 (data, 45W)

Power Delivery

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

Convenience

Built-in Speakers: 5 W x 2
Plug & Play Compatibility: DDC/CI, Mac OS, sRGB, Windows 11 / 10
User convenience: SmartImage, Input, User, Menu, Power On/Off, Mute, Handup, Busylight
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)

Control software: SmartControl

MultiView: PIP/PBP mode, 2x devices

Built-in webcam: Pop-up 5.0 megapixel camera with microphone and LED indicator

Webcam with auto framing

Webcam tilt function: Yes, -/+30 degree

Busylight

Noise cancellation

SmartKVM: Yes (Thunderbolt 4/USB-C1)

Stand

Height adjustment: 150 mm

Swivel: -/+30 degree

Tilt: -5/15 degree

Power

ECO mode: 37.5 W (typ.)

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

Off mode: 0.5 W (typ.)

On mode: 41.85 W (typ.) (EnergyStar test method)

Standby mode: 0.5 W (typ.)

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

Specifications

Dimensions

Packaging in mm (WxHxD): 1290 x 300 x 475 mm

Product without stand (mm): 1193 x 373 x 164 mm

Product with stand(max height): 1193 x 586 x 268 mm

Weight

Product with packaging (kg): 19.54 kg

Product with stand (kg): 15.45 kg

Product without stand (kg): 11.82 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: Energy Star, EPEAT*, RoHS, TCO Certified Edge, LightSensor, PowerSensor 2*

Post consumer recycled plastic: 85%+OBP 5%

Recyclable packaging material: 100 %

Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards

Regulatory Approvals: CB, CE Mark, TUV/GS, TUV Ergo, TCO Certified, MEPS, EAC, UKCA, EMF, FCC, ICES-003, eyesafe® CERTIFIED 2.0, TÜV Rheinland Low Blue Light (Hardware Solution)

Cabinet

Finish: Texture

Foot: Silver

Front bezel: Charcoal

Rear cover: Charcoal



- * Radius of the arc of the display curvature in mm
- * 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.
- * EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.
- * The display colors reduce to 8 bits, the max resolution of HDMI can be 5120x1440@75Hz, and DisplayPort can be 5120x1440@120Hz
- * It's for laptop with DSC, if not, the max resolution of Thunderbolt 4 input and output can be 5120x1440@60Hz, 8 bits display color and with USB 3.2 Gen1.
- * Please note that the PowerSensor 2 is only functional with Windows 11 installed. When PowerSensor 2 is activated, WAL means Walk Away Lock and WOA means Wake On.
- * The monitor may look different from feature images.
- * The products and accessories listed on this leaflet may differ by country and region.