

Philips Business Monitor  
32:9 SuperWide curved  
LCD display

## P Line

49 (48.8" / 124 cm diag.)  
5120 x 1440 (Dual QHD)

499P9H1



# Wide open possibilities

with two high-performance monitors in one

Our award-winning 49" curved 32:9 SuperWide display is like two full-size high-performance monitors in-one. Productivity enhancing features like USB-C and pop-up webcam with Windows Hello deliver performance and convenience you expect.

### Expand your horizons

- MultiView enables simultaneous dual connection and view
- 32:9 SuperWide screen designed to replace multiscreen setups
- 1800r curved display for a more immersive experience
- Effortlessly smooth action with Adaptive-Sync technology

### Designed for the way you work

- Tilt, swivel and height-adjust for an ideal viewing position
- Securely sign in with pop-up webcam with Windows Hello™
- DisplayHDR 400 for more lifelike and outstanding visuals
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity

### Optimal Connectivity

- Built in USB-C docking station
- Built-in KVM switch to easily switch between sources

# PHILIPS

32:9 SuperWide curved LCD display  
P Line 49 (48.8" / 124 cm diag.), 5120 x 1440 (Dual QHD)

499P9H1/89

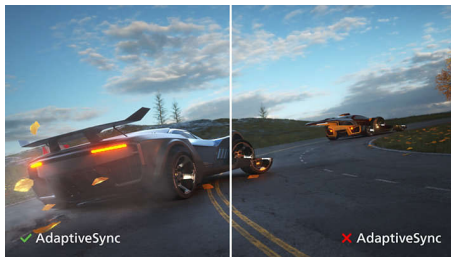
# Highlights

## 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.

## Adaptive-Sync technology



Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

## 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.

## MultiClient Integrated KVM



With MultiClient Integrated KVM switch, you can control two separate PCs with one monitor-keyboard-mouse set up. A convenient button allows you to quickly switch between sources. Handy with set-ups that require dual PC computing power or sharing one large monitor to show two different PCs.

## Windows Hello™ pop-up webcam



Philips' innovative and secure webcam pops up when you need it and securely tucks back into the monitor when you are not using it. The webcam is also equipped with advanced sensors for Windows Hello™ facial recognition, which conveniently logs you into

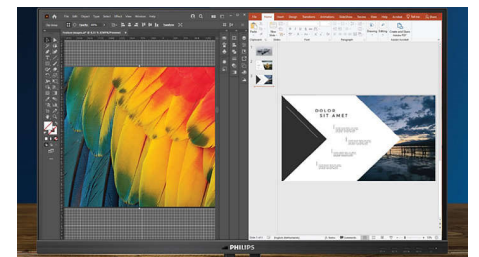
your Windows devices in less than 2 seconds, 3 times faster than a password.

## 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 peak brightness up-to 400 nits, 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.

## MultiView technology



With the ultra-high resolution Philips MultiView display you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multi-tasking.

## 1800r Curved display

Innovative curved display offers less image distortion, a wider field of view, reduced glare, and more comfort for eyes.



# Specifications

## Connectivity

- Signal Input: DisplayPort 1.4\* x 1, HDMI 2.0 b x 2, USB-C x 1 (upstream, power delivery up to 90 W)
- Sync Input: Separate Sync
- Audio (In/Out): Headphone out
- RJ45: Ethernet LAN up to 1G\*, Wake on LAN
- HDCP: HDCP 1.4 (HDMI / DP / USB-C), HDCP 2.2 (HDMI / DP / USB-C)
- HBR3: HBR3 (USB-C)
- USB Hub: USB 3.2 Gen 2, USB-B upstream x 1, USB-A downstream x 3 (with x 1 fast charge B.C 1.2)

## Picture/Display

- Panel Size: 48.8 inch / 124 cm
- Aspect ratio: 32:9
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.233 x 0.233 mm
- Brightness: 450 cd/m<sup>2</sup>
- Display colors: 1.07B (8bit + FRC)
- Color gamut (typical): NTSC 103%\*, sRGB 121%\*, Adobe RGB 91%\*
- Color gamut (min.): BT. 709 Coverage: 99.67%\*, DCI-P3 Coverage: 94.62%\*
- Contrast ratio (typical): 3000:1
- SmartContrast: 80,000,000:1

- Response time (typical): 5 ms (Gray to Gray)\*
- Viewing angle: 178° (H) / 178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage
- Maximum resolution: 5120 x 1440 @ 70 Hz\*
- Effective viewing area: 1193.5 (H) x 335.7 (V) mm at a 1800R curvature\*
- Scanning Frequency: 30 - 230 kHz (H) / 48 - 70 Hz (V); Adaptive sync (for HDMI/DP)
- sRGB
- Delta E: < 2
- Flicker-free
- Pixel Density: 109 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 2H, Haze 25%
- SmartUniformity: 97 ~ 102%
- EasyRead
- Adaptive sync
- HDR: DisplayHDR 400 certified (DP / HDMI)

## USB

- Power delivery: USB PD version 3.0
- Super speed: Data and Video transfer
- DP: Built-in Display Port Alt mode
- USB-C max. power delivery: Up to 90W (5V/3A; 9V/3A; 10V/3A; 12V/3A; 15V/3A; 20V/4.5A)
- USB-C: Reversible plug connector

## Convenience

- Built-in Speakers: 5 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Input, User, Menu, Power On/Off
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Control software: SmartControl
- MultiView: PBP (2x devices)
- Built-in webcam: Pop-up 2.0 megapixel FHD camera with microphone and LED indicator (for Windows 10 Hello)

## Stand

- Height adjustment: 130 mm
- Swivel: -/+ 20 degree
- Tilt: -5~15 degree

## Power

- ECO mode: 43.3 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz



# Specifications

- Off mode: Zero watts with Zero switch
- On mode: 41.25 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): 1308 x 384 x 553 mm
- Product without stand (mm): 1194 x 369 x 156 mm
- Product with stand(max height): 1194 x 568 x 303 mm

## Weight

- Product with packaging (kg): 21.48 kg
- Product with stand (kg): 15.30 kg
- Product without stand (kg): 11.00 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: EnergyStar 8.0, EPEAT\*, TCO Certified Edge, RoHS, WEEE
- Post consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free

## Compliance and standards

- Regulatory Approvals: CB, CE Mark, FCC Class B, cETLus, CU-EAC, TUV Ergo, TUV/GS, ICES-003, PC-Recycle, PSB

## Cabinet

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

## Accessories

- Included Accessories: Philips RC6 remote control



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- \* Radius of the arc of the display curvature in mm
- \* The maximum resolution works for either USB-C, DP or HDMI input.
- \* Response time value equal to SmartResponse
- \* BT, 709 / DCI-P3 Coverage based on CIE1976
- \* NTSC Area based on CIE1976
- \* sRGB Area based on CIE1931
- \* Adobe RGB Coverage based on CIE1976
- \* Display colors: 10bits can be reached by QHD@170Hz with DP port (DP 10bits support 4:4:4) and QHD@144Hz with HDMI port (HDMI 10bits support 4:2:2 / 4:2:0).
- \* DisplayPort 1.4 version is for HDR
- \* 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.
- \* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode
- \* 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 monitor may look different from feature images.