

# PHILIPS

32:9 SuperWide  
curved LCD display

Brilliance

P Line

49 (48.8" / 124 cm diag.)

5120 x 1440 (Dual QHD)

498P9Z



## Wide open possibilities

with two high-performance monitors in one

Our award-winning 49" SuperWide display is like two full-size high performance monitors in-one. DisplayHDR 400 display with 165Hz and Adaptive-Sync technology offers the smoothest experience, no matter entertainment or design creation.

### Expand your horizons

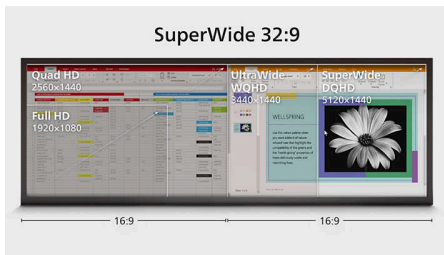
- MultiView enables simultaneous dual connection and view
- 32:9 SuperWide screen designed to replace multiscreen setups
- 1800 r curved display for a more immersive experience
- Effortlessly smooth action with Adaptive-Sync technology
- DisplayHDR 400 for more lifelike and outstanding visuals

### Designed for the way you work

- Tilt, swivel and height-adjust for an ideal viewing position
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- Built-in KVM switch to easily switch between sources
- 165 Hz refresh rates for ultra-smooth, brilliant images

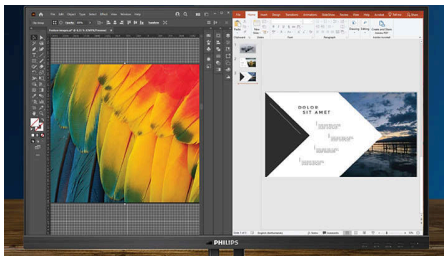
# Highlights

## 32:9 SuperWide



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

## MultiView technology

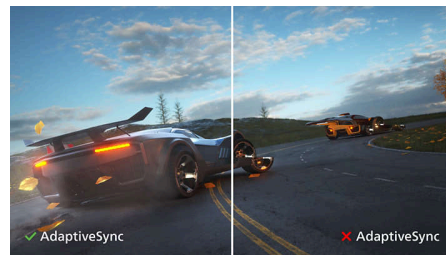


With the ultra-high resolution Philips MultiView display, you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multitasking.

## 1800 r Curved display

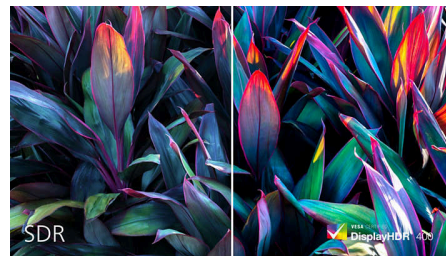
Innovative curved display offers less image distortion, a wider field of view, reduced glare and more comfort for your eyes.

## Adaptive-Sync technology



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

## 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 colours. 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 colours, delivering a visual experience that engages your senses.

## MultiClient Integrated KVM



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

## Flicker-Free technology

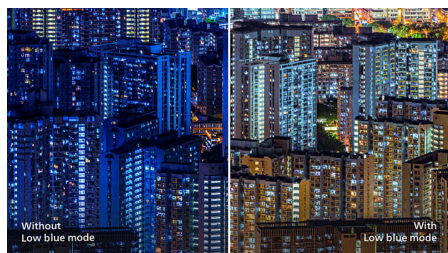


Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.



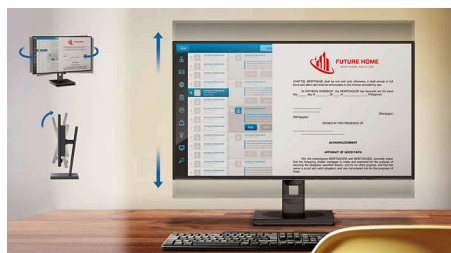
## Highlights

### LowBlue Mode



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, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

### Compact Ergo Base



The Compact Ergo Base is a people-friendly Philips monitor base that tilts, swivels and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

### 165 Hz Gaming



You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up to 165 times per second, effectively faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. With 165 Hz frame rate, you get those critical missing images on the screen which shows enemy movement in ultra-smooth motion so you can easily target them. With ultra-low input lag and no screen tearing, this Philips display is your perfect gaming partner



# Specifications

## Picture/Display

**Panel Size:** 48.8" / 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:** 550 cd/m<sup>2</sup>  
**Display colours:** 1.07B (8 bit + FRC)  
**Colour gamut (typical):** NTSC 100%\*, sRGB 122%\*, Adobe RGB 89%\*  
**Colour gamut (min.):** BT. 709 Coverage: 98%\*, DCI-P3 Coverage: 91%\*  
**Contrast ratio (typical):** 3000:1  
**SmartContrast:** 80,000,000:1  
**Response time (typical):** 4 ms (Grey to Grey)\*  
**Viewing angle:** 178° (H)/178° (V), @ C/R > 10  
**Picture enhancement:** SmartImage  
**Maximum resolution:** HDMI: 5120 x 1440 @ 75 Hz; DP: 5120 x 1440 @ 165 Hz\*  
**Effective viewing area:** 1191.936 (H) x 335.232 (V) mm at a 1800R curvature\*  
**Scanning Frequency:** HDMI: 30–200 kHz (H) / 48–120 Hz (V); DP: 30–250 kHz (H) / 48–165 Hz (V)  
**sRGB**  
**Delta E:** < 2  
**Flicker-free**  
**Pixel Density:** 109 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**SmartUniformity:** 93 ~ 105%  
**EasyRead**  
**Adaptive sync**  
**HDR:** DisplayHDR 400 certified

## Connectivity

**Signal Input:** DisplayPort 1.4 x 1, HDMI 2.0 x 3  
**Sync Input:** Separate Sync  
**Audio (In/Out):** Audio out  
**USB::** USB 3.2 x 2 (upstream), USB 3.2 x 4 (downstream with x 1 fast charge B.C 1.2)  
**HDCP:** HDCP 2.2 (HDMI / DP)

## Convenience

**Built-in Speakers:** 5 W x 2  
**Plug and 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 (100 x 100 mm)  
**Control software:** SmartControl  
**MultiView:** PBP (2 x devices)  
**KVM**

## Stand

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

## Power

**ECO mode:** 46.2 W (typ.)  
**Power supply:** Built-in, 100–240 VAC, 50–60 Hz  
**Off mode:** Zero watts with Zero switch  
**On mode:** 51.4 W (typ.) (EnergyStar test method)  
**Standby mode:** 0.4 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode - White (flashing)  
**Energy Label Class:** G

## Dimensions

**Packaging in mm (W x H x D):** 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):** 21.50 kg  
**Product with stand (kg):** 15.20 kg  
**Product without stand (kg):** 10.90 kg

## Operating conditions

**Altitude:** Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)  
**Temperature range (operation):** 0°C to 40°C °C  
**Relative humidity:** 20%-80 %  
**Temperature range (storage):** -20°C to 60°C °C  
**MTBF (demonstrated):** 70,000 hrs (excluded backlight)

## Sustainability

**Environmental and energy:** EnergyStar 8.0, EPEAT\*, TCO Certified, RoHS  
**Post-consumer recycled plastic:** 35%  
**Recyclable packaging material:** 100 %  
**Specific Substances:** PVC/BFR free housing, Mercury free

## Compliance and standards

**Regulatory Approvals:** cETLus, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, RCM, MEPS, KC, KCC, CCC, CECP, CEL, BSMI, CE Mark, FCC Class B, ICES-003

## Cabinet

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

## What's in the box?

**Cables:** HDMI cable, DP cable, Power cable  
**Monitor with stand**  
**User Documentation**



\* Radius of the arc of the display curvature in mm  
 \* The maximum resolution works for DP input only.  
 \* Response time value equal to SmartResponse  
 \* BT. 709 / DCI-P3 Coverage based on CIE1976  
 \* NTSC Area based on CIE 1976  
 \* sRGB Area based on CIE1931  
 \* Adobe RGB Coverage based on CIE 1976  
 \* Display colours: 10 bits can be reached by QHD @ 170 Hz with DP port (DP 10 bits support 4:4:4) and QHD @ 144 Hz with HDMI port (HDMI 10 bits support 4:2:2/4:2:0).  
 \* Activities such as screen sharing and online streaming over the Internet can impact your network performance. Your hardware and network bandwidth will determine the overall audio and video quality.  
 \* 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.