



32:9 SuperWide curved LCD display

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

499P9H1/89

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.

Benefits

Expand your horizons

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

Optimal Connectivity

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

Designed for the way you work

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

PHILIPS

Features

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



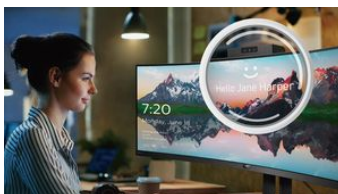
This Philips display features a built-in USB type-C docking station with power delivery. Its slim, reversible USB-C connector allows for easy, one-cable docking. Simplify by connecting all your peripherals like keyboard, mouse and your RJ-45 Ethernet cable to the monitor's docking station. Simply connect 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,

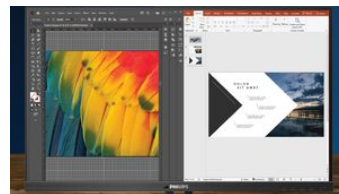
which conveniently logs you into your Windows devices in less than 2 seconds, 3 times faster than a password.

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.

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.

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

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.

Specifications

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Picture/Display

LCD panel type	VA LCD
Backlight type	W-LED system
Panel Size	48.8 inch / 124 cm
Display Screen	Anti-Glare, 2H, Haze 25%
Coating	
Effective viewing area	1193.5 (H) x 335.7 (V) mm at a 1800R curvature*
Aspect ratio	32:9
Maximum resolution	5120 x 1440 @ 70 Hz*
Pixel Density	109 PPI
Response time (typical)	5 ms (Gray to Gray)*
Brightness	450 cd/m ²
Contrast ratio (typical)	3000:1
SmartContrast	80,000,000:1
Pixel pitch	0.233 x 0.233 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage
Display colors	16.7 M
Color gamut (min.)	BT. 709 Coverage: 99.67%*, DCI-P3 Coverage: 94.62%*
Color gamut (typical)	NTSC 103%*, sRGB 121%*, Adobe RGB 91%*
HDR	DisplayHDR 400 certified (DP / HDMI)
Scanning Frequency	30 - 230 kHz (H) / 48 - 70 Hz (V); Adaptive sync (for HDMI/DP)
SmartUniformity	97 ~ 102%
Delta E	< 2
sRGB	Yes
LowBlue Mode	Yes
EasyRead	Yes
Adaptive sync	Yes

Connectivity

Signal Input	DisplayPort 1.4* x 1, HDMI 2.0 b x 2, USB-C 3.1 Gen 2 x 1 (upstream, power delivery up to 65 W)
HDCP	HDCP 2.2 (HDMI / DP / USB-C)
USB:	USB 3.1 x 1 (upstream), USB 3.1 x 3 (downstream with x 1 fast charge B.C 1.2)
Audio (In/Out)	Headphone out
RJ45	Ethernet LAN up to 1G*
Sync Input	Separate Sync

USB

USB-C	Reversible plug connector
Super speed	Data and Video transfer
DP	Built-in Display Port Alt mode
Power delivery	USB PD version 2.0
USB-C max. power delivery	Up to 65W (5V/3A; 9V/3A; 10V/3A; 12V/3A; 15V/3A; 20V/3.25A)

Convenience

Built-in Speakers	5 W x 2
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Built-in webcam

2.0 megapixel FHD camera with microphone and LED indicator (for Windows 10 Hello)

MultiView

User convenience

PBP (2x devices)

SmartImage

Input

User

Menu

Power On/Off

SmartControl

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)

Plug & Play Compatibility

DDC/CI

Mac OS X

sRGB

Windows 10 / 8.1 / 8 / 7

Stand

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

Power

ECO mode	43.3 W (typ.)
On mode	41.25 W (typ.) (EnergyStar test method)
Standby mode	0.3 W (typ.)
Off mode	Zero watts with Zero switch
Power LED indicator	Operation - White
	Standby mode- White (blinking)
Power supply	Built-in
	100-240VAC, 50-60Hz

Dimensions

Product with stand(max height)	1194 x 568 x 303 mm
Product without stand (mm)	1194 x 369 x 156 mm
Packaging in mm (WxHxD)	1308 x 384 x 553 mm

Weight

Product with stand (kg)	15.30 kg
Product without stand (kg)	11.00 kg
Product with packaging (kg)	21.48 kg

Operating conditions

Temperature range (operation)	0°C to 40°C °C
Temperature range (storage)	-20°C to 60°C °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF (demonstrated)	70,000 hrs (excluded backlight)

Sustainability

Environmental and energy	EnergyStar 8.0 EPEAT* TCO Certified Edge RoHS WEEE
Recyclable packaging material	100 %
Post consumer recycled plastic	85%

Specific Substances	PVC / BFR free housing Mercury free
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Compliance and standards

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

Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

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 HDMI, DP or USB-C 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

* 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.



data subject to change
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