

PHILIPS

32:9 SuperWide
curved LCD display

Monitor

P Line

49 (48.8" / 124 cm diag.)

5120 x 1440 (Dual QHD)

499P9H



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 the performance and convenience you expect.

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

Designed for the way you work

- Tilt, swivel and height-adjust for an ideal viewing position
- Secure sign-in with pop-up webcam
- 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

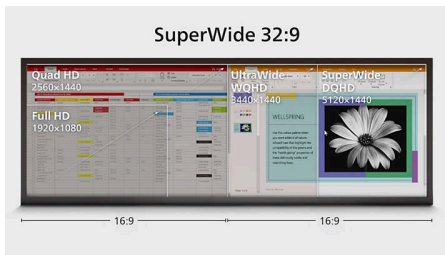
Monitor

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499P9H/01

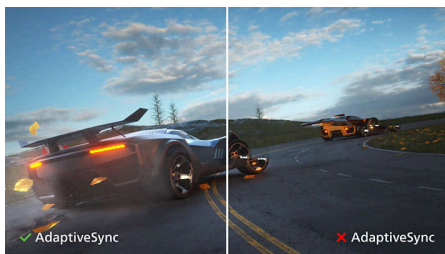
Highlights

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.

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.

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-

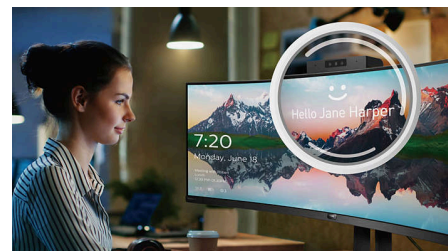
cable docking. Keep it simple by connecting all your peripherals, like your keyboard, mouse and your RJ-45 Ethernet cable to the monitor's docking station. Simply connect your notebook to this monitor with a single USB-C cable to watch high-resolution video and transfer super-speed data while powering up and recharging your notebook at the same time.

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.

Pop-up webcam



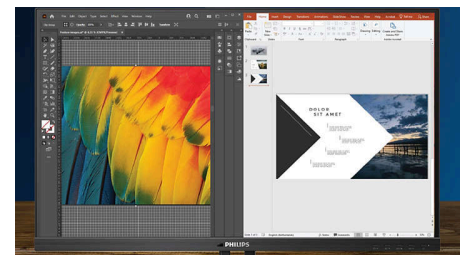
Philips' innovative and secure webcam pops up when you need it and securely tucks back into the monitor when you are not using it. The webcam is also equipped with advanced sensors for Windows Hello facial recognition, which conveniently logs you into your Windows devices in less than 2 seconds, 3 times 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 colours. With global dimming and minimum 400 nits of brightness, 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.

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

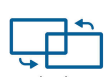
Innovative curved display offers less image distortion, a wider field of view, reduced glare and more comfort for your eyes.



Adaptive -Sync



USB-C Docking



MultiClient Integrated KVM



Multiview



CompactErgo Base



LowBlue Mode

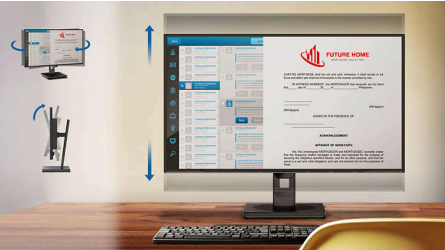
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499P9H/01

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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, the 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.



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499P9H/01

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: 450 cd/m²
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): 5 ms (Grey to Grey)*
Viewing angle: 178° (H)/178° (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 5120 x 1440 @ 70 Hz*
Effective viewing area: 1193.5 (H) x 335.7 (V) mm at 1800 R 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)

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 1 G*, 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)

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 90 W (5 V/3 A; 9 V/3 A; 10 V/3 A; 12 V/3 A; 15 V/3 A; 20 V/4.5 A)
USB-C: Reversible plug connector

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)

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, 100–240 VAC, 50–60 Hz

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 (flashing)

Energy Label Class: G

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499P9H/01

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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): 21.48 kg

Product with stand (kg): 15.30 kg

Product without stand (kg): 11.00 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

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 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, UKRAINIAN, ICES-003, BSMI, CCC, CECP, CEL, E-standby, J-MOSS, KC, KCC, MEPS, PSB, PSE, RCM, VCCI

Cabinet

Finish: Texture

Foot: Black

Front bezel: Black

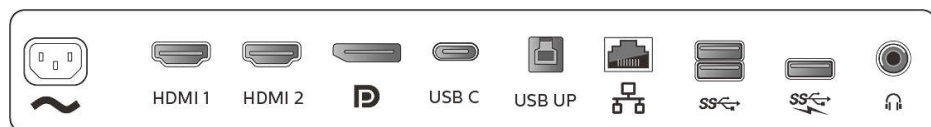
Rear cover: Black

What's in the box?

Cables: HDMI cable, DP cable, USB-A to B cable, USB-C to C cable, Power cable

Monitor with stand

User Documentation



- * 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 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).
- * DisplayPort 1.4 version is for HDR
- * 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.
- * 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 the OSD menu and select USB 3.0 or a higher version that can support the LAN speed up 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.