PHILIPS

Curved UltraWide LCD Monitor with USB-C

Monitor

P Line

34" (86.36 cm)

3440 x 1440 (WQHD)

346P1CRH

Master every task in a crisp panoramic view

The Philips Brilliance curved WQHD display with DisplayHDR 400 gives crisp, outstanding visuals. USB-C and a secure pop-up webcam with Windows Hello increase your productivity.

Brilliant performance
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- MultiView enables simultaneous dual connection and view

Designed for the way you work
- 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
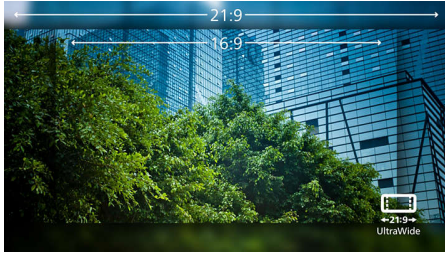
Optimal Connectivity
- Built in USB-C docking station
- Built-in KVM switch to easily switch between sources

Designed for sustainability
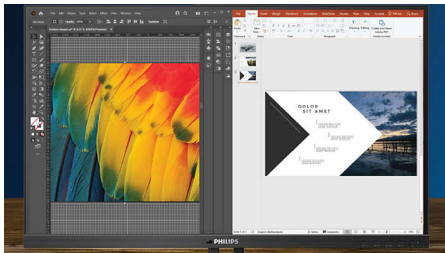- PowerSensor saves up to 70% energy costs

Highlights

UltraWide CrystalClear images

These Philips screens deliver CrystalClear, UltraWide Quad HD 3440 x 1440 pixel images. Utilizing high performance panels with high-density pixel count, 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with more room for side-by-side comparisons and more viewable spreadsheet columns. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, or a financial wizard working on huge spreadsheets, Philips displays delivers CrystalClear images.

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.

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.

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 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.
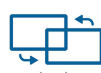
WQHD | Multiview | USB-C Docking | MultiClient Integrated KVM | DisplayHDR 400 | Flicker-free | LowBlue Mode | PowerSensor
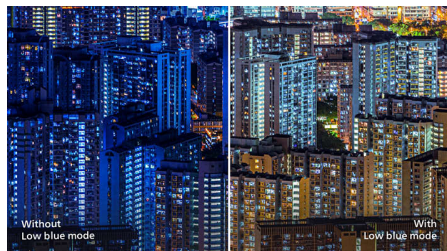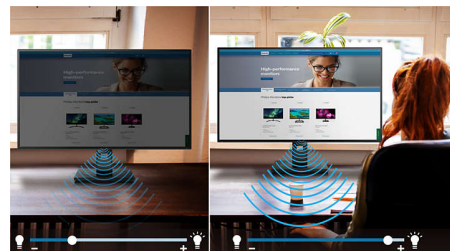
Highlights

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.

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.

PowerSensor

PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 70 percent and prolonging monitor life.

21:9
Curved
Ultrawide

Specifications

Picture/Display

Panel Size: 34 inch / 86.36 cm

Aspect ratio: 21:9

LCD panel type: VA LCD

Backlight type: W-LED system

Pixel pitch: 0.23175 x 0.23175 mm

Brightness: 500 cd/m²

Display colors: 16.7 M

Color gamut (typical): NTSC 98%*, sRGB 120%*, Adobe RGB 88%*

Color gamut (min.): BT. 709 Coverage: 96%*; DCI-P3 Coverage: 90%*

Contrast ratio (typical): 3,000:1

SmartContrast: 80,000,000 :1

Response time (typical): 4 ms (Gray to Gray)*

Viewing angle: 178º (H) / 178º (V), @ C/R > 10

Picture enhancement: SmartImage

Maximum resolution: 3440 x 1440 @ 100 Hz*

Effective viewing area: 797.2 (H) x 333.7 (V) - at a 1500 R curvature*

Scanning Frequency: 30 - 160 kHz (H) / 48 - 100 Hz (V)

sRGB

Delta E: < 2 (sRGB)

Flicker-free

Pixel Density: 110 PPI

LowBlue Mode

Display Screen Coating: Anti-Glare, 2H, Haze 25%

SmartUniformity: 93 ~ 105%

EasyRead

Adaptive sync

HDR: DisplayHDR 400 certified (DP / HDMI)

KVM

Connectivity

Signal Input: DisplayPort 1.4 x 1, HDMI 2.0 x 1, USB-C 3.2 Gen 2 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

Signal Output: DisplayPort out (DP, USB-C)*

USB:: USB-C x 1, USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)

HDCP: HDCP 2.2 (HDMI / DP)

HBR3: HBR3 (USB-C)

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; 7V/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, French, Finnish, German, Greek, Hungarian, Italian, Japanese, Korean, Portuguese, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian

Other convenience: Kensington lock, VESA mount (100x100mm)

Control software: SmartControl

MultiView: PIP/PBP mode*, 2x devices

Built-in webcam: Pop-up 2.0 megapixel FHD camera with microphone and LED indictor (for Windows 10 Hello)

Stand

Height adjustment: 180 mm

Swivel: -180/180 degree

Tilt: -5 ~ 25 degree

Power

ECO mode: 33 W (typ.)

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

Off mode: Zero watts with Zero switch

On mode: 34.1 W (typ.) (EnergyStar test method)

Standby mode: < 0.5 W (typ.)

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

Energy Label Class: F

Dimensions

Packaging in mm (WxHxD): 904 x 525 x 282 mm

Product without stand (mm): 807 x 367 x 110 mm

Product with stand(max height): 807 x 601 x 250 mm

Weight

Product with packaging (kg): 15.48 kg

Product with stand (kg): 11.65 kg

Product without stand (kg): 7.95 kg

Specifications

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: PowerSensor, LightSensor, EnergyStar 8.0, EPEAT*, RoHS

Post consumer recycled plastic: 35%

Recyclable packaging material: 100 %

Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards

Regulatory Approvals: CB, cETLus, FCC Class B, CE Mark, TUV/GS, TUV Ergo, CU-EAC, UKRAINIAN, CCC, CEL, RCM

Cabinet

Finish: Texture

Foot: Black

Front bezel: Black

Rear cover: Black

What's in the box?

Cables: HDMI cable, DP 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.
* When connecting to USB-C, if your PC doesn't support HBR3, please switch USB hub setting to USB 2.0 and the resolution will support to 3440 x 1440 @ 100 Hz.
* 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
* 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.
* DisplayPort 1.4 version is for HDR
* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode
* 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.
* Maximum number of external displays that can be supported: 1 by using USB-C, 2 by using DP
* The maximum external monitor resolution will depend on bandwidth limitation.
* When your monitor connected with USB-C and the PC supports HBR3, you can have MST function with the max resolution of 3440x1440@60Hz in primary monitor and 1920x1080@60Hz in secondary monitor. If not, please change the USB setting of the primary monitor to USB2.0 via OSD setting to have MST function
* While MST over DP, both of the primary and secondary monitors need to be set to DP out extend mode via monitor's OSD setting and the maximum resolution of both the primary & the secondary monitor only can be 3440x1440@60Hz.
* 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.

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