

Philips Brilliance  
Curved UltraWide LCD  
Monitor with USB-C

P Line

34" (86.36 cm)  
3440 x 1440 (WQHD)

**Brilliance**

**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 connect and view

### **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 colourful visuals
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity

### **Designed for sustainability**

- PowerSensor saves up to 70% energy costs

**PHILIPS**

# Highlights

## UltraWide CrystalClear images



These Philips screens deliver Crystal Clear, UltraWide Quad HD 3440 x 1440 pixel images. Utilising high-performance panels with high-density pixel count and 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 a demanding professional requiring extremely detailed information for CAD-CAM solutions or a financial wizard working on huge spreadsheets, Philips displays deliver Crystal Clear 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 multitasking.

## 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.

## 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 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.

## 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.



USB-C Docking



Curved UltraWide



WQHD



MultiView



MultiClient Integrated KVM



Windows Hello



VESA Certified DisplayHDR 400



PowerSensor



Flicker-free

# Specifications

## Picture/Display

- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 34 inch / 86.36 cm
- Display Screen Coating: Anti-Glare, 2H, Haze 25%
- Effective viewing area: 797.2 (H) x 333.7 (V) — at a 1500 R curvature\*
- Aspect ratio: 21:9
- Maximum resolution: 3440 x 1440 @ 100 Hz\*
- Pixel Density: 110 PPI
- Response time (typical): 4 ms (Grey to Grey)\*
- Brightness: 500 cd/m<sup>2</sup>
- Contrast ratio (typical): 3000:1
- SmartContrast: 80,000,000 :1
- Pixel pitch: 0.23175 x 0.23175 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colours: 16.7 M
- Colour gamut (min.): BT. 709 Coverage: 96%\*, DCI-P3 Coverage: 90%\*
- Colour gamut (typical): NTSC 98%\*, sRGB 120%\*, Adobe RGB 88%\*
- HDR: DisplayHDR 400 certified (DP/HDMI)
- Scanning Frequency: 30–160 kHz (H)/48–100 Hz (V)
- SmartUniformity: 93 ~ 105%
- Delta E: < 2 (sRGB)
- sRGB
- Flicker-free
- LowBlue Mode
- EasyRead
- 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)
- Signal Output: DisplayPort out (DP, USB-C)\*
- HDCP: HDCP 2.2 (HDMI / DP)
- USB: USB-C x 1, USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
- Audio (In/Out): Headphone out
- RJ45: Ethernet LAN up to 1G\*, Wake-on-LAN
- 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 3.0
- USB-C max. power delivery: Up to 90 W\* (5 V/3 A; 7 V/3 A; 9 V/3 A; 10 V/3 A; 12 V/3 A; 15 V/3 A; 20 V/4.5 A)

## Convenience

- Built-in Speakers: 5 W x 2
- Built-in webcam: 2.0 megapixel FHD camera with microphone and LED indicator (for Windows 10 Hello)
- MultiView: PIP/PBP mode\*, 2 x devices
- User convenience: SmartImage, Input, User, Menu, Power On/Off
- Control software: SmartControl

- 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 (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

## Stand

- Height adjustment: 180 mm
- Swivel: -180/180 degree
- Tilt: -5~25 degree

## Power

- ECO mode: 33 W (typ.)
- On mode: 34.1 W (typ.) (EnergyStar test method)
- Standby mode: < 0.5 W (typ.)
- Off mode: Zero watts with Zero switch
- Energy Label Class: G
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz

## Dimensions

- Product with stand (max height): 807 x 601 x 250 mm
- Product without stand (mm): 807 x 367 x 110 mm
- Packaging in mm (W x H x D): 930 x 525 x 282 mm

## Weight

- Product with stand (kg): 11.65 kg
- Product without stand (kg): 7.95 kg
- Product with packaging (kg): 15.86 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

## Sustainability

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

## Compliance and standards

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

## Cabinet

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

## What's in the box?

- Monitor with stand
- Cables: HDMI cable, DP cable, USB-C/A Y cable, Power cable
- User Documentation



Issue date 2021-12-13

Version: 7.0.1

12 NC: 8670 001 62662  
EAN: 87 12581 76219 3

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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.

\* When connecting to USB-C, if your PC doesn't support HBR3, please switch the USB hub setting to USB 2.0 and the resolution will support 3440 x 1440 @ 100 Hz.

\* 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

\* 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.

\* 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.

\* If your monitor is connected with USB-C and the PC supports HBR3, you can have MST function with a max resolution of 3440 x 1440 @ 60 Hz in the primary monitor and 1920 x 1080 @ 60 Hz in the secondary monitor. If not, please change the USB setting of the primary monitor to USB 2.0 via the OSD setting to have MST function

\* If using MST over DP, both the primary and secondary monitor need to be set to DP out extend mode via the monitor's OSD setting and the maximum resolution of both the primary and the secondary monitor can only be 3440 x 1440 @ 60 Hz.

\* 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.