

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

Monitor

Curved UltraWide LCD Monitor with USB-C

346P1CRH/89

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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: 178° (H) / 178° (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
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: Czech, Dutch, English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Greek, Finnish, Brazil Portuguese, Ukrainian

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

Control software: SmartControl

MultiView: 2x devices, PIP/PBP mode*

Built-in webcam: Pop-up 2.0 megapixel FHD camera with microphone and LED indicator (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)



WQHD



USB-C Docking



PowerSensor



Multiview

MultiClient
Integrated KVM

Flicker-free



LowBlue Mode

Specifications

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

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: RoHS, PowerSensor, LightSensor, EPEAT*, Energy Star

Post consumer recycled plastic: 35%

Recyclable packaging material: 100 %

Specific Substances: PVC / BFR free housing, Mercury free

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



- * 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. Notebook/device must support USB-C DP Alt mode
- * 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.
- * The products and accessories listed on this leaflet may differ by country and region.