

PHILIPS

Curved UltraWide LCD
Monitor with USB-C

B Line

34" (86.36 cm)

3440 x 1440 (WQHD)

346B1C



See more. Do more.

The Philips B line 34" curved UltraWide display gives wrap-around view of your work. All-in-one USB-C and ergonomic stand design make for optimal working conditions. Eye comfort features with TUV certified to reduce eye fatigue.

Designed for the way you work

- Tilt, swivel and height-adjust for an ideal viewing position
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- EasyRead mode for a paper-like reading experience
- TUV Eye Comfort certified to reduce eye fatigue
- Built in USB-C docking station

Designed for sustainability

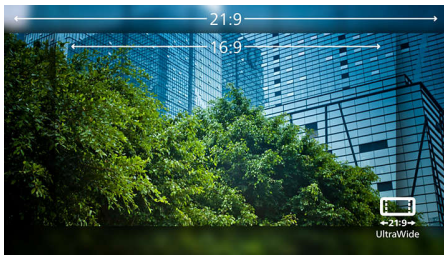
- LightSensor for the perfect brightness with minimal power
- PowerSensor saves up to 70% energy costs

Better view, better productivity

- Effortlessly smooth action with Adaptive-Sync technology
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- Built-in KVM switch to easily switch between sources
- MultiView enables simultaneous dual connection and view

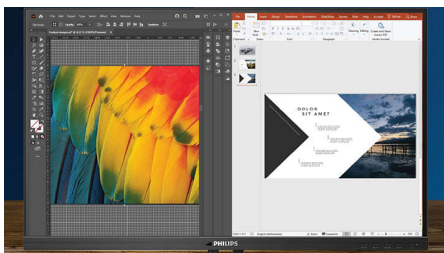
Highlights

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.

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.

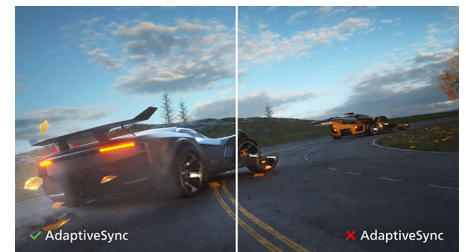
Built in USB-C docking station



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.

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.

TUV Rheinland Eye Comfort



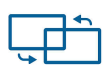
Philips display meet TUV Rheinland Eye Comfort standard to prevent eye strain caused by prolonged computer use. With TUV Eye Comfort certification, Philips displays ensure flicker-free, low blue mode, no disturbing reflections, wide viewing angle and less reduction of image quality from different angles and ergonomic stand designs for ideal viewing experience. Keep your eyes healthy and boost work productivity.



WQHD



Multiview



MultiClient
Integrated KVM



USB-C Docking



Adaptive -Sync



Eye Comfort

www.tuv.com



Flicker-free



LowBlue Mode

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

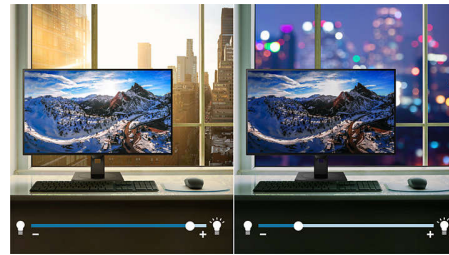


Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

PowerSensor

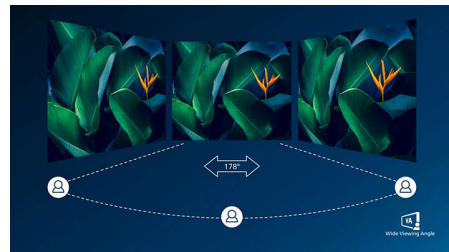
PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 70 percent and prolonging monitor life.

LightSensor



LightSensor uses a smart sensor to adjust the picture brightness depending on the room light conditions for the perfect picture with minimal power usage.

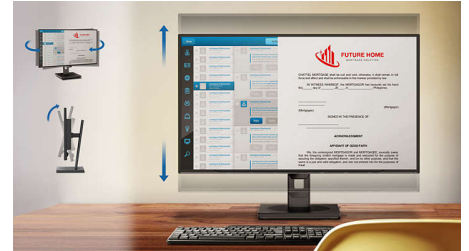
VA display



Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for

extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. Its optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

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.

EasyRead mode



EasyRead mode for a paper-like reading experience



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: 300 cd/m²

Display colors: 16.7 M

Color gamut (typical): NTSC 100%*, sRGB 119%*,

Adobe RGB 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

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

Connectivity

Signal Input: DisplayPort 1.2 x 1, HDMI 2.0 x 1, USB-C 3.2 Gen 1 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

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 1.4 (DP / USB-C), HDCP 2.2 (HDMI)

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

Stand

Height adjustment: 180 mm

Swivel: -180/180 degree

Tilt: -5/30 degree

Power

ECO mode: 34 W (typ.)

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

Off mode: Zero watts with Zero switch

On mode: 28.36 W (typ.) (EnergyStar test method)

Standby mode: 0.3 W (typ.)

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

Dimensions

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

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

Packaging in inch (WxHxD): 35.6 x 20.7 x 11.1 inch

Product without stand in inch: 31.8 x 14.4 x 4.3 inch

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

Product with stand(max height): 31.8 x 23.7 x 9.8 inch

Specifications

Weight

Product with packaging (kg): 15.32 kg

Product with stand (kg): 11.49 kg

Product with packaging (lb): 33.70 lb

Product with stand (lb): 25.28 lb

Product without stand (kg): 7.79 kg

Product without stand (lb): 17.14 lb

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, TCO Certified, RoHS

Recyclable packaging material: 100 %

Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards

Regulatory Approvals: CB, cETLus, FCC Class B, ICES-003, CE Mark, TUV/GS, TUV Ergo, CU-EAC, UKRAINIAN, TUV Eye Comfort certified

Cabinet

Finish: Texture

Foot: Black

Front bezel: Black

Rear cover: Black

What's in the box?

Cables: HDMI cable, DP cable, USB-C/A Y 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.
- * The USB hub default setting of USB C input for this monitor is "USB 3.2". The resolution supported by USB 3.2 is 3440 x 1440 @ 60 Hz. When user switches to USB 2.0, the resolution supported will be 3440 x 1440 @ 100 Hz.
- * Response time value equal to SmartResponse
- * NTSC Area based on CIE1976
- * sRGB Area based on CIE1931
- * Adobe RGB Coverage based on CIE1976
- * For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode
- * 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.
- * 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.
- * Cannot support USB-C vs HDMI for PIP/PBP at the same time
- * The monitor may look different from feature images.