Philips Brilliance
4K LCD monitor with
Ultra Wide-Color

P Line
32 (viewable 31.5"/80 cm)
3840 x 2160 (4K UHD)

Brilliance

328P6VJEB

UltraClear 4K resolution, ultra-vivid colour

for when it matters

The expansive 32" Ultra HD professional Philips display gives you the room to spread out, see the big picture and all the details in Ultra High Definition.

Brilliant performance

- UltraClear 4K UHD (3840 x 2160) resolution for precision
- Ultra Wide-Color wider range of colours for a vivid picture
- VA display delivers awesome images with wide viewing angles
- 1.074 billion colours for smooth colour gradations and detail
- Less eye fatigue with Flicker-Free technology

Designed for the way you work

- MultiView enables simultaneous dual connect and view
- SmartErgoBase enables user-friendly ergonomic adjustments
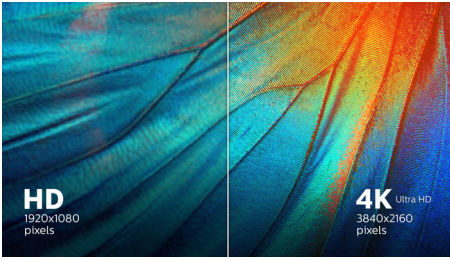- Built-in stereo speakers for multimedia

Easy to connect and enjoy

- SmartConnect with DisplayPort, HDMI and VGA connections
- HDMI for quick digital connection
- MHL technology for enjoying mobile content on a big screen
- DisplayPort connection for maximum visuals

PHILIPS

Highlights

UltraClear 4K UHD Resolution

These Philips displays utilise high-performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are a demanding professional requiring extremely detailed images for CAD solutions, a user of 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.
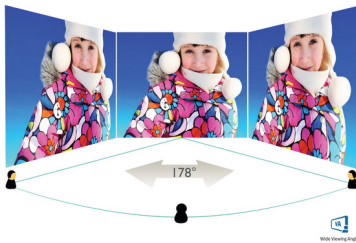
Ultra Wide-Color Technology

Ultra Wide-Color Technology delivers a wider spectrum of colours for a more brilliant picture. The Ultra Wide-Color wider "colour gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring media entertainment, images and even productivity more alive with vivid colours from Ultra Wide-Color Technology.

VA display

The Philips VA LED display uses an advanced multi-domain vertical alignment technology

that 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, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178 degree extra-wide viewing angle, resulting in crisp images.

10-bit colours

The 10-bit display delivers rich colour depth with 1.074 billion colours and 12-bit internal processing for recreating smooth, natural colours without gradations and colour banding.

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.

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.

SmartErgoBase

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, cable management reduces cable clutter and keeps the workspace neat and professional.

Built-in stereo speakers

A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

SmartConnect for 4K

These Philips displays come equipped with the most advanced multi connections like VGA, Display Port and universal HDMI connector, enabling you to enjoy high resolution uncompressed video and audio content. New DisplayPort and HDMI 2.0 connection now enables full 4K resolution at 60 Hz for smooth visuals. USB connections ensure that you can have super speed data transfers with global connectivity. Regardless of what source you use, you can rest assured that this Philips display will ensure your investment is not made obsolete any time soon!

Specifications

Picture/Display
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 31.5 inch/80.1 cm
- Effective viewing area: 698.4 (H) x 392.85 (V)
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Aspect ratio: 16:9
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Response time (typical): 4 ms (Grey to Grey)*
- Brightness: 300 cd/m²
- Contrast ratio (typical): 3000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.181 x 0.181 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Display colours: Colour support 1.07 billion colours
- Colour gamut (typical): NTSC 95%
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- MHL: 1080P @ 60 Hz
- Brightness uniformity: 93 ~ 105%
- sRGB

Connectivity
- Signal Input: VGA (Analogue), DVI-Dual Link (digital, HDCP), DisplayPort x 1, HDMI (2.0) — MHL x 1
- USB: USB 3.0x4 (1 w/fast charging)*
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Convenience
- Built-in Speakers: 3 W x 2
- MultiView: PIP/PBP mode, 2 x devices
- User convenience: SmartImage, Multi-view, User, Menu, Power On/Off
- Control software: SmartControl
- 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)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand
- Height adjustment: 180 mm
- Pivot: 90 degree
- Swivel: -170/+170 degree
- Tilt: -5/20 degree

Power
- ECO mode: 28 W (typ.)
- On mode: 31.71 W (EnergyStar test method)
- Standby mode: <0.5 W (typ.)
- Off mode: Zero watts with Zero switch
- 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): 742 x 657 x 270 mm
- Product without stand (mm): 742 x 438 x 63 mm
- Packaging in mm (W x H x D): 970 x 526 x 224 mm

Weight
- Product with stand (kg): 9.23 kg
- Product without stand (kg): 6.27 kg
- Product with packaging (kg): 13.39 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: EnergyStar 8.0, EPEAT*, TCO Certified Edge, RoHS
- Recyclable packaging material: 100 %
- Post-consumer recycled plastic: 65%
- Specific Substances: PVC/BFR free housing, Mercury free, Lead free

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, RCM, BSMI, ICES-003, cETLus, EPA, PSB, CU-EAC, SEMKO, SASO, KUCAS, UKRAINIAN, PSE, WEEE, TUV Ergo, TUV/GS, CB

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

What's in the box?
- Monitor with stand
- Cables: D-Sub cable, DP cable, HDMI cable, Audio cable, Power cable
- User Documentation

www.philips.com

* This Philips display is MHL-certified. However, if your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for instructions. The policy of your device manufacturer may require you to purchase its brand-specific MHL cable or adapter in order for it to work
* Requires optional MHL-certified mobile device and MHL cable (not included). Please check with your MHL device vendor for compatibility.
* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality
* For a complete list of MHL-enabled products, refer to www.mhlconsortium.org
* EPEAT rating is valid only where Philips registers the product. Please visit https://www.epeat.net/ for registration status in your country.
* Fast charging complies with USB BC 1.2 standard
* Response time value equal to SmartResponse