



Philips Brilliance  
4K Ultra HD LCD monitor

**P Line**  
28" (71.1 cm)  
3840 x 2160 (4K UHD)

**288P6LJEB**

## Precise detail and clarity

with UltraClear 4K UHD Resolution

See a new level of detail and clarity with the new Philips 28" UltraClear 4K display! Ultra HD. Four times clearer than Full HD, colours become richer, details become clearer. Experience Ultra High Definition at an ultra-mainstream price.

### **Sharpest, most brilliant picture yet**

- Calibrated for vivid and true colours
- UltraClear 4K UHD (3840 x 2160) resolution for precision
- SmartResponse 1 ms refresh for fast gaming

### **Features that matter to you**

- Low bezel-to-table height for maximum reading comfort
- MHL technology for enjoying mobile content on a big screen
- MultiView enables simultaneous dual connect and view
- SmartErgoBase for better ergonomics
- USB 3.0 enables fast data transfers and smart phone charging
- Built-in stereo speakers for multimedia
- HDMI for quick digital connection

# 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.

## Vivid and true colours

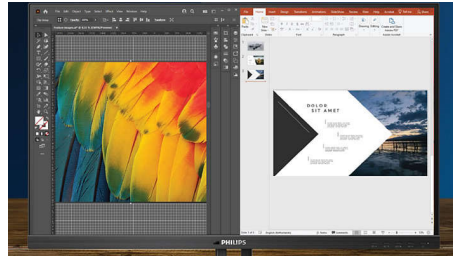
Experience vivid and true colour images. With over one billion colours, your images look exactly as you saw them without visual abnormalities and gradations.

## SmartResponse



SmartResponse is an exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and films, which require faster response times in order to produce judder, time-lag and ghost image free 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.

## 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.

## MHL technology



Mobile High-Definition Link (MHL) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays. An optional MHL cable allows you to simply connect your MHL-capable mobile device to this large Philips MHL display and watch your HD videos come to life with full digital sound. Now not only can you enjoy your mobile games, photos, movies or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power halfway.

## HDMI ready



Enjoy crisp colourful images and audio with simple one-cable connection. A HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality smooth digital video (up to 4K/UHD resolution at 60 Hz) and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).



# Specifications

## Connectivity

- Signal Input: VGA (Analogue), DVI-Dual Link (digital, HDCP), DisplayPort 1.2, HDMI (2.0) — MHL x 1
- USB: USB 2.0 x 2, USB 3.0 x 2 (1 w/fast charging)\*
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

## Picture/Display

- Panel Size: 28 inch/71.1 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.16 x 0.16 mm
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 300 cd/m<sup>2</sup>
- Display colours: Colour support 1.07 billion colours
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 620.93 (H) x 341.28 (V)
- Scanning Frequency: 30 - 99 kHz (H) for VGA, DVI, HDMI-MHL / 30 - 160 kHz (H) for DisplayPort, Analogue: 56 ~ 80 Hz (V) / Digital: 23 ~ 80 Hz (V)
- sRGB
- SmartResponse (typical): 1 ms (Grey to Grey)
- MHL: 1080P @ 60 Hz
- Display Screen Coating: Anti-Glare, 3H, Haze 25%

## Convenience

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

## Stand

- Height adjustment: 150 mm

- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

## Power

- ECO mode: 30 W (typ.)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: Zero watts with AC switch
- On mode: 25.1 W (typ.) (EnergyStar test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

## Dimensions

- Packaging in mm (W x H x D): 782 x 497 x 224 mm
- Product without stand (mm): 659 x 395 x 49 mm
- Product with stand (max height): 659 x 573 x 273 mm

## Weight

- Product with packaging (kg): 11.95 kg
- Product with stand (kg): 8.05 kg
- Product without stand (kg): 5.25 kg

## Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 70,000 hrs (excluded backlight) hour(s)
- Relative humidity: 20–80% %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: EnergyStar 8.0, EPEAT\*, TCO Certified Edge, RoHS
- Post-consumer recycled plastic: 65%
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, SEMKO, cETLus, BSMI, CU-EAC, TUV/GS, TUV Ergo, EPA, PSB, WEEE, C-tick, UKRAINIAN, CECP, VCCI, KCC, PSE, KC, ICES-003, E-standby, J-MOSS

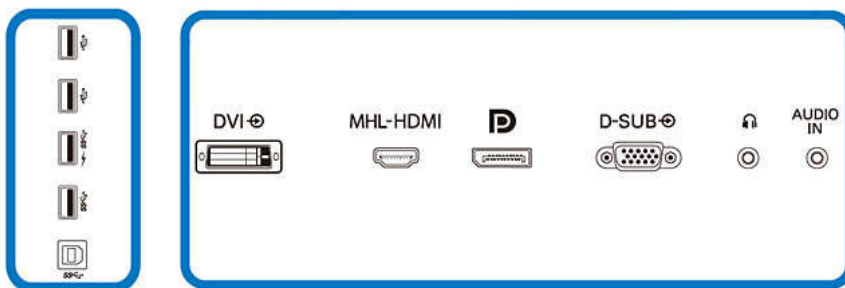
## Cabinet

- Finish: Texture

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

## What's in the box?

- Cables: D-Sub cable, DVI cable, DP cable, HDMI cable, Audio cable, Power cable
- Monitor with stand
- User Documentation



I/O back panel connector diagram



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\* 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

\* Requires minimum graphics to support UHD resolution at 60 Hz; for minimum requirements, please consult your graphics vendor.

\* Smart response time is the optimum value from either GtG or GtG (BW) tests.

\* EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.