



Philips Brilliance
4K Ultra HD LCD monitor

P Line

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

Brilliance

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

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

Features that matter to you

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

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

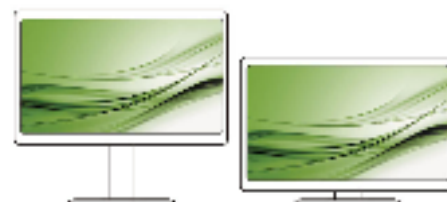
display and watch your HD videos come to life with full digital sound. Now not only can you enjoy your mobile games, photos, movies or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power halfway.

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).

Low bezel-to-table height



Thanks to its advanced SmartErgoBase, the Philips monitor can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows users of different heights to use the monitor at their preferred angle and height settings, helping them to reduce fatigue and strain.



Specifications

Picture/Display

- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 28 inch/71.1 cm
- Effective viewing area: 620.93 (H) x 341.28 (V)
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Aspect ratio: 16:9
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Response time (typical): 5 ms
- SmartResponse (typical): 1 ms (Grey to Grey)
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.16 x 0.16 mm
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colours: Colour support 1.07 billion colours
- 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)
- MHL: 1080P @ 60 Hz
- sRGB

Connectivity

- USB: USB 2.0 x 2, USB 3.0 x 2 (1 w/fast charging)*
- Signal Input: VGA (Analogue), DVI-Dual Link (digital, HDCP), DisplayPort 1.2, HDMI (2.0) — MHL x 1
- 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
- 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 7, Windows 8

Stand

- Height adjustment: 150 mm

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

Power

- ECO mode: 30 W (typ.)
- On mode: 25.1 W (typ.) (EnergyStar test method)
- Standby mode: 0.5 W (typ)
- Off mode: Zero watts with AC 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): 659 x 573 x 273 mm
- Product without stand (mm): 659 x 395 x 49 mm
- Packaging in mm (W x H x D): 782 x 497 x 224 mm

Weight

- Product with stand (kg): 8.05 kg
- Product without stand (kg): 5.25 kg
- Product with packaging (kg): 11.95 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: 70,000 hrs (excluded backlight) hour(s)

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, 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

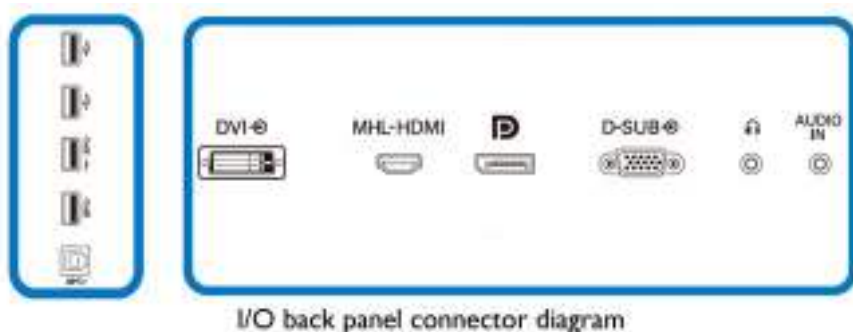
Cabinet

- Front bezel: Black

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

What's in the box?

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



I/O back panel connector diagram



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Version: 9.1.1

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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.