



## Philips

4K Ultra HD LCD monitor

- P Line
- 28" / 71.1 cm
- 4K Ultra HD (3840 x 2160)

288P6LJEB/00

# 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, colors become richer, details become clearer. Experience Ultra High Definition at an ultra-mainstream price.

## Benefits

### Sharpest most brilliant picture yet

- UltraClear 4K UHD (3840x2160) resolution for precision
- Calibrated for vivid and true colors
- SmartResponse 1ms refresh for fast gaming

### Features that matter to you

- MultiView enables active dual connect and view at same time
- SmartErgoBase for better ergonomics
- Built-in stereo speakers for multimedia
- SmartConnect with HDMI, Display port, VGA and Dual link DVI

- MHL technology for enjoying mobile content on big screen
- Low bezel-to-table height for maximum reading comfort
- USB 3.0 enables fast data transfers and smart phone charging

### Sustainable Eco-design

- 65% post consumer recycled plastics with TCO Edge
- EPEAT Gold ensures lowest impact on environment

# PHILIPS

Features

UltraClear 4K UHD Resolution



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

Vivid and true colors

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

SmartResponse



SmartResponse is a exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and movies 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 in a comfortable way whether at office or at home. MultiView enables active dual connect and view so that you can work with multiple devices like PC and Notebook side-by-side simultaneously, making complex multi-tasking work a breeze. Watching live football feed from your set-top box on right side, while browsing the Internet from your notebook on the left is now easy. You may want to keep an eye on the live news feed with audio in the small window, while working on your latest blog.

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; 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. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multi connections like Dual link DVI, VGA, Display Port, universal HDMI connector, enabling you to enjoy high resolution uncompressed video and audio content. USB 3.0 option ensures that you can have super speed data transfers while having 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!

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 you can 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 half way.

Low bezel-to-table height



The Philips monitor, thanks to its advanced SmartErgoBase, 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 for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.

USB 3.0 super speed

Super Speed USB 3.0 deploys 5.0 gbit/s transfer rate, which is about 10 times faster than USB 2.0 standard significantly reducing data transfer time saving you time and money. With more bandwidth, super speed transfer rates, better power management and superior overall performance, USB 3.0 sets the latest global standard allowing you to use the large capacity storage devices. Sync-N-Go technology ensures you don't have to wait anymore for bandwidth to be freed up. Your investment in USB 2.0 devices is protected as it is backward compatible.

TCO Edge

TCO Edge certification is given to products which go beyond existing eco-labeling programs. Over and above standard TCO requirements, it further mandates that the product uses minimum 65% of post consumer recycled plastics, is energy efficient, uses minimal hazardous materials, has 100% recyclable packaging, and is designed for easy recycling amongst other requirements. You can rest assured that this Philips monitor is a cutting edge technology product which is best in class ICT, benefitting you and the planet while helping you make a responsible green IT purchase!

EPEAT Gold

Philips EPEAT GOLD certified monitors ensure protection for human health and environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. EPEAT program helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by US EPA. GOLD certification ensures that at least 30% of plastic used is Post Consumer Resin, which ensures reduction in use of toxic and hazardous materials. EPEAT Gold is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.

Specifications

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Picture/Display

LCD panel type TFT-LCD

Backlight type W-LED system  
Panel Size 28 inch / 71.1 cm

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2015, July 8

Effective viewing area	620.93 (H) x 341.28 (V)
Aspect ratio	16:9
Optimum resolution	3840 x 2160 @ 60Hz
Response time (typical)	5 ms
SmartResponse (typical)	1 ms (Gray to Gray)
Brightness	300 cd/m <sup>2</sup>
Contrast ratio (typical)	1,000:1
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 colors	Color support 1.07 billion colors
Scanning Frequency	30 - 83 kHz (H) / 56 - 76 Hz (V), Analog: 50 ~ 80Hz (V), Digital: 23 ~ 80Hz (V)
MHL	1080P @ 60Hz
sRGB	Yes

#### Connectivity

USB	USB 2.0 x 2 USB 3.0x2 (1 w/fast charging)*
Signal Input	VGA (Analog ) DVI-Dual Link (digital, HDCP) DisplayPort 1.2 MHL-HDMI (digital, HDCP)
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 2x devices
User convenience	SmartImage Multiview User Menu Power On/Off
Control software	SmartControl Premium
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 (100x100mm)
Plug & 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	41 W (typ.)
On mode	50.5 W (typ.) (EnergyStar 6.0 test method)
Standby mode	0.5 W (typ)
Off mode	Zero watts with AC switch
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	Built-in 100-240VAC, 50-60Hz

#### 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 (WxHxD)	782 x 497 x 224 mm

#### Weight

Product with stand (kg)	8.04 kg
Product without stand (kg)	5.24 kg
Product with packaging (kg)	11.84 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	30,000 hour(s)

#### Sustainability

Environmental and energy	EnergyStar 6.0 EPEAT Gold* TCO 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	BSMI CE Mark cETLus FCC Class B GOST SASO SEMKO TCO 6.0 TUV Ergo TUV/GS WEEE
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#### Cabinet

Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

- \* This Philips display is MHL certified. However, in case your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for direction. The policy of your device manufacturer may require you to purchase their brand specific MHL cable or adapter in order 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 60Hz, for minimum requirements please consult your graphics vendor.
- \* Smart response time is the optimum value from either GtG or GtG (BW) tests.
- \* EPEAT Gold is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.



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