



#### 4K Ultra HD LCD monitor

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

288P6LJEB/27

## 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 simultaneous dual connect and view
- SmartErgoBase for better ergonomics
- Built-in stereo speakers for multimedia
- MHL technology for enjoying mobile content on big screen

- HDMI for quick digital connection
- 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 an 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. 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.

### 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.

### 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.

### HDMI ready



Enjoy crisp colorful images and audio with simple one-cable connection. An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An 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



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

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

### 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 @ 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 - 99 kHz (H) for VGA, DVI, HDMI-MHL / 30 - 160 kHz (H) for DisplayPort, Analog: 56 ~ 80Hz (V) / Digital: 23 ~ 80Hz (V)
MHL	1080P @ 60Hz
sRGB	Yes

Other convenience	Swedish Traditional Chinese Turkish Ukrainian 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	30 W (typ.)
On mode	48.65 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 with stand(max height)	25.9 x 22.6 x 10.7 inch
Product without stand (mm)	659 x 395 x 49 mm
Product without stand in inch	25.9 x 15.6 x 1.9 inch
Packaging in mm (WxHxD)	782 x 497 x 224 mm
Packaging in inch (WxHxD)	30.8 x 19.6 x 8.8 inch

### Weight

Product with stand (kg)	8.05 kg
Product with stand (lb)	17.71 lb
Product without stand (kg)	5.25 kg
Product without stand (lb)	11.55 lb
Product with packaging (kg)	11.95 kg
Product with packaging (lb)	26.29 lb

### 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)

### 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 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 2x devices
User convenience	SmartImage Multiview 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

MTBF 70,000 hrs (excluded backlight)  
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

TCO certified  
TUV/GS  
TUV Ergo  
EPA  
PSB  
WEEE  
C-tick  
UKRAINIAN  
CECP  
VCCI  
KCC  
PSE  
KC  
ICES-003  
E-standby  
J-MOSS

#### Compliance and standards

Regulatory Approvals CE Mark  
FCC Class B  
SEMKO  
cETLus  
BSMI  
CU-EAC

#### 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 or Silver is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.
- \* HDMI cables vary depending on region and models.



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