



Philips Brilliance  
LED-backlit LCD Display  
with Multiview

32" / 81.3 cm  
Quad HD (2560 x 1440)

**Brilliance**



**BDM3270QP2**

## Expand your experience

Crystalclear images, maximum performance

This Philips 32" display will amaze you with its Crystalclear Quad HD 2560 x 1440 images and brilliant colors. Multiview allows active dual connect and view.

### Brilliant performance

- Crystalclear images with Quad HD 2560 x 1440 pixels
- AMVA LED for wide-view super-high contrast, vivid images
- 1.074 billion colors for smooth color gradations and detail
- Less eye fatigue with Flicker-free technology

### Designed for the way you work

- MultiView enables active dual connect and view at same time
- SmartErgoBase enables people-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort
- Built-in stereo speakers for multimedia

### Easy to connect and enjoy

- SmartConnect with HDMI, MHL, DisplayPort, DVI, and VGA
- DisplayPort connection for maximum visuals
- MHL technology for enjoying mobile content on big screen
- USB 3.0 enables fast data transfers and smart phone charging

**PHILIPS**

# Highlights

## Crystalclear images

These latest Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like Displayport, HDMI, Dual link DVI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

## AMVA LED display



Philips AMVA LED display uses an advanced multi-domain vertical alignment technology which 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, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images even in 90 degree pivot mode

## 10-bit colors



8-bit

10-bit

The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal

processing for re-creating smooth, natural colors without gradations and color 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 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.

## 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.

## SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multi connections like VGA, Display Port, universal HDMI connector, MHL enabling you to enjoy high resolution uncompressed video and audio content. USB connections 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!



# Specifications

## Picture/Display

- LCD panel type: AMVA LCD
- Backlight type: W-LED system
- Panel Size: 32 inch / 81.3 cm
- Effective viewing area: 708.48 (H) x 398.52 (V)
- Aspect ratio: 16:9
- Optimum resolution: 2560 x 1440 @ 60Hz
- Brightness: 250 cd/m<sup>2</sup>
- Response time (typical): 4 ms (Gray to Gray)\*
- Contrast ratio (typical): 3,000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.277 x 0.277 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: Color support 1.07 billion colors
- Scanning Frequency: 15 - 99 kHz (H) / 23 - 76 Hz (V) \*
- MHL: 1080P @ 60Hz
- sRGB
- Brightness uniformity: 93% ~ 105%
- Delta E: 3 (typ) for 6500K

## Connectivity

- USB: USB 3.0x2 (1 w/fast charging)\*, USB 2.0 x 2
- Signal Input: VGA (Analog), DVI-Dual Link (digital, HDCP), DisplayPort, 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
- OSD Languages: Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian, Brazil Portuguese, Czech
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & 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: 31.5 W (typ.)
- On mode: 62.3 W (typ.)
- 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): 742 x 657 x 270 mm
- Product without stand (mm): 742 x 438 x 61 mm
- Packaging in mm (WxHxD): 970 x 526 x 224 mm

## Weight

- Product with stand (kg): 10.76 kg
- Product without stand (kg): 7.80 kg
- Product with packaging (kg): 14.98 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 (demonstrated): 70,000 hrs (excluded backlight)

## Sustainability

- Environmental and energy: 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, CU-EAC, PSB, WEEE, CECP, PSE, KC, BSMI, VCCI

## Cabinet

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

## What's in the box?

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



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\* 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

\* For complete list of MHL-enabled products refer to [www.mhlconsortium.org](http://www.mhlconsortium.org)

\* "AMVA" word mark / trademark and related patents on technologies belong to their respective owners.

\* The scanning frequency value listed covers a wide range and varies for all types of I/O, for details please refer to user manual.

\* Fast charging through BC 1.2 standard

\* Response time value equal to SmartResponse