



Philips Brilliance  
LED-backlit LCD Display

40 (Viewable 39.56"/100.5 cm)  
UHD (3840 x 2160)

**Brilliance**



**BDM4065UC**

## 4K Ultra High Definition

See the big picture with all the details

The expansive 40" class Ultra HD professional Philips display gives you the room to spread out, see the big picture and all the details in Ultra High Definition.

### Expand your viewing experience

- Expansive 40-inch class brilliant display
- UltraClear 4K UHD (3840x2160) resolution for precision
- VA display gives awesome images with wide viewing angle
- MultiView enables active dual connect and view at same time
- SmartImage presets for easy optimized image settings
- LED Technology ensures low power and natural colors

### Designed for the way you work

- Slim bezel design for a stylish look
- Powerful 7-Watt speakers to unleash your content
- USB 3.0 Hub for convenient access and fast charging
- SmartConnect with DisplayPort, HDMI and VGA connections
- MHL technology for enjoying mobile content on big screen
- VESA mount allows for the perfect setup

**PHILIPS**

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# Highlights

## UltraClear 4K UHD Resolution



These latest Philips screens deliver UltraClear, 4K UHD (3840x2160) 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 graphics applications or a financial wizard working on huge spreadsheets. Philips displays will give you UltraClear images.

## VA display



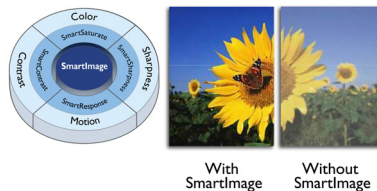
Philips VA LED display uses an advanced vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 176/176 degree extra wide viewing angle, resulting in crisp 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.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

## LED Technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

## 7-Watt 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 Hub

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

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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, 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!

## 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.



# Specifications

## Picture/Display

- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 39.56 inch / 100.5 cm
- Effective viewing area: 878.11 (H) x 485.35 (V)
- Aspect ratio: 16:9
- Optimum resolution: 3840 x 2160 @ 60Hz
- Response time (typical): 8.5 (Gray to Gray) ms
- SmartResponse (typical): 3 ms (Gray to Gray)
- Brightness: 300 cd/m<sup>2</sup>
- Contrast ratio (typical): 5,000:1
- SmartContrast: 50,000,000:1
- Viewing angle: 176° (H) / 176° (V), @ C/R > 20
- Picture enhancement: SmartImage
- Display colors: 8 bit
- Scanning Frequency: VGA/HDMI: 30 - 99 kHz ; DP: 30 - 160 kHz (H) / VGA: 56 - 80 Hz ; HDMI/DP: 23 - 80 Hz (V)
- MHL: 1080P @ 60Hz
- sRGB
- Brightness uniformity: 96% ~ 105%
- Delta E: <3 (sRGB mode)

## Connectivity

- USB: USB 3.0 x 4 + faster charger
- Signal Input: VGA (Analog), DisplayPort, mini DisplayPort, HDMI (digital, HDCP), MHL-HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out
- RS232

## Convenience

- Built-in Speakers: 7 W x 2
- MultiView: PIP (2x devices), PBP (4x 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 (200x200)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7

## Power

- ECO mode: 40.4 W (typ.)
- On mode: 62.17 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: <0.5 W (typ.)
- Off mode: <0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

## Dimensions

- Product with stand(max height): 904 x 589 x 213 mm
- Product without stand (mm): 904 x 512 x 88 mm
- Packaging in mm (WxHxD): 1050 x 650 x 194 mm

## Weight

- Product with stand (kg): 9.70 kg
- Product without stand (kg): 8.50 kg
- Product with packaging (kg): 13.51 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\*, RoHS
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 25%
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

## Compliance and standards

- Regulatory Approvals: CCC, CE Mark, cETLus, FCC Class B, SEMKO, TUV/ISO9241-307, WEEE, CECP, CU-EAC, EPA, KC, PSB, PSE

## Cabinet

- Front bezel: Black
- Rear cover: Black
- Foot: Silver
- Finish: Glossy (Front bezel) / Texture (Foot / Rear cover)



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Version: 4.0.1

12 NC: 8670 001 19104  
UPC: 6 09585 24416 0

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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)

\* 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.

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