

Philips Brilliance
LED-backlit LCD Display

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



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

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

Designed for the way you work

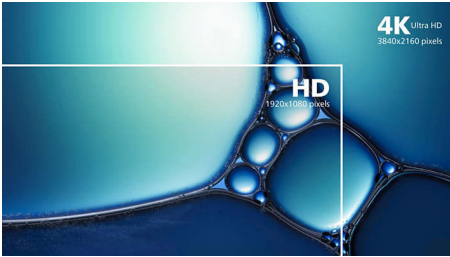
- MHL technology for enjoying mobile content on big screen
- Powerful 7-Watt speakers to unleash your content
- Slim bezel design for a stylish look
- SmartConnect with DisplayPort, HDMI and VGA connections
- USB 3.0 Hub for convenient access and fast charging
- VESA mount allows for the perfect setup

PHILIPS

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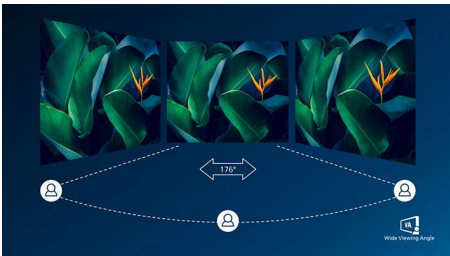
Highlights

UltraClear 4K UHD Resolution



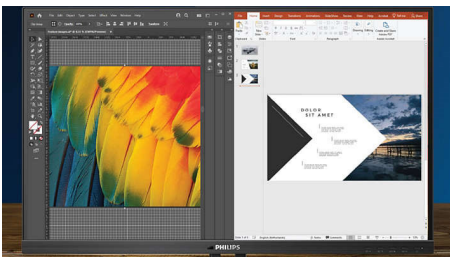
These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips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

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. 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.

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.

Slim bezel

A slim bezel design adds a stylish look to a public display to nicely blend in just about any environment. Furthermore this design makes the display ideal for tiled matrix video walls.

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.

BDM4065UC/69

USB 3.0 Hub with FastCharge

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. Now you don't have to wait so long for devices to charge. New FastCharge enables quick charging to charge and go. USB 3.0 is also backward compatible with USB 2.0 devices.

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

Connectivity

- Signal Input: VGA (Analog), DisplayPort x 1, mini DisplayPort, HDMI (digital, HDCP), MHL-HDMI (digital, HDCP)
- USB: USB 3.0x4 (1 w/fast charging)*
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out
- RS232

Picture/Display

- Panel Size: 39.56 inch / 100.5 cm
- Aspect ratio: 16:9
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Optimum resolution: 3840 x 2160 @ 60Hz
- Brightness: 300 cd/m²
- Brightness uniformity: 96% ~ 105%
- Display colors: Color support 1.07 billion colors
- Contrast ratio (typical): 5,000:1
- SmartContrast: 50,000,000:1
- Response time (typical): 3 ms (Gray to Gray)*
- Viewing angle: 176° (H) / 176° (V), @ C/R >= 20
- Picture enhancement: SmartImage
- Effective viewing area: 878.11 (H) x 485.35 (V)
- Scanning Frequency: VGA/HDMI: 30 - 99 kHz ; DP: 30 - 160 kHz (H) / VGA: 56 - 80 Hz ; HDMI/DP: 23 - 80 Hz (V)
- sRGB
- MHL: 1080P @ 60Hz
- Delta E: <= 3 (sRGB mode)

Convenience

- Built-in Speakers: 7 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7
- 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, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (200x200mm)
- Control software: SmartControl Premium
- MultiView: PIP (2x devices), PBP (4x devices)

Power

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

Dimensions

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

Weight

- Product with packaging (kg): 13.51 kg
- Product with stand (kg): 9.70 kg
- Product without stand (kg): 8.50 kg

Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

Sustainability

- Environmental and energy: EnergyStar 6.0, RoHS
- Post consumer recycled plastic: 25%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury 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

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



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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

* Response time value equal to SmartResponse