



4K Ultra HD LCD display with MultiView

- 40" (101.6 cm)
- 4K UHD (3840 x 2160)

BDM4037UW/00

See the big picture with all the details

with 4K Ultra HD

The expansive 40" class Ultra-HD professional Philips display gives you the room to spread out and see the big picture and all the details in 4K Ultra-High Definition (four times the resolution of full HD)

Benefits

Curved design inspired by the world around us

- Curved display design for a more immersive experience

Expand your viewing experience

- UltraClear 4K UHD (3840 x 2160) resolution for precision
- Ultra Wide-Color wider range of colours for a vivid picture
- VA display gives awesome images with a wide viewing angle
- MultiView 4K for 4 systems on one screen
- SmartImage presets for easy optimised image settings
- Less eye fatigue with Flicker-Free technology

- 1.074 billion colours for smooth colour gradations and detail

Designed for the way you work

- Built-in stereo speakers for multimedia
- USB 3.0 Hub for convenient access and fast charging
- MHL technology for enjoying mobile content on a big screen
- SmartConnect with DisplayPort, HDMI and VGA connections
- Slim bezel design for a stylish look

PHILIPS

Features

Curved display design



Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

UltraClear 4K UHD Resolution



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

Ultra Wide-Color Technology



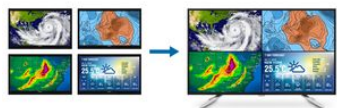
Ultra Wide-Color Technology delivers a wider spectrum of colours for a more brilliant picture. The Ultra Wide-Color wider "colour gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring media entertainment, images and even productivity more alive with vivid colours from Ultra Wide-Color Technology.

VA display



Philips' VA LED display uses an advanced multi-domain vertical alignment technology that 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, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178-degree extra-wide viewing angle, resulting in crisp images.

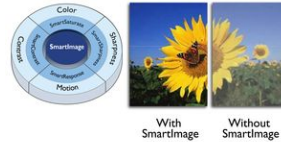
MultiView technology for 4K



Philips MultiView feature on this expansive 4K UHD display enables you to have up to four systems each shown in Full HD on one screen. You can use Picture-by-Picture (PbP) to monitor four systems on one screen for control

rooms or security. Or for multiple devices like two notebooks side-by-side simultaneously, making collaboration more productive. Or Picture-in-Picture mode (PiP) watching a live football feed from your set-top box, while working on your PC.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your 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 optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

Flicker-Free technology

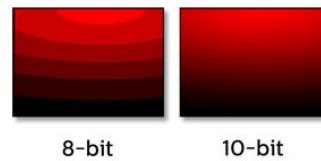


Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

Built-in stereo speakers

A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

10-bit colours



The 10-bit display delivers rich colour depth with 1.074 billion colours and 12-bit internal processing for recreating smooth, natural colours without gradations and colour banding.

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 to save 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 and allows you to use 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.

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 can you 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 halfway.

SmartConnect for 4K

These Philips displays come equipped with the most advanced multi connections like VGA, Display Port and universal HDMI connector, enabling you to enjoy high resolution uncompressed video and audio content. New DisplayPort and HDMI 2.0 connection now enables full 4K resolution at 60 Hz for smooth visuals. USB connections ensure that you can have super speed data transfers with 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

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	VA LCD
Backlight type	W-LED system
Panel Size	40 inch/101.6 cm
Effective viewing area	884.74 (H) x 497.66 (V) - at a 3000R curvature*
Aspect ratio	16:9
Optimum resolution	3840 x 2160 @ 60 Hz
Response time (typical)	4 ms (Grey to Grey)*
Brightness	300 cd/m ²
Contrast ratio (typical)	4000:1
SmartContrast	20,000,000:1
Pixel pitch	0.230 x 0.230 mm
Pixel Density	110 PPI
Viewing angle	178° (H)/178° (V) @ C/R > 10
Picture enhancement	SmartImage
Flicker-free	Yes
Colour gamut	NTSC 85%
Display colours	Colour support 1.07 billion colours (Dithered 10 bits)
Scanning Frequency	30–99 kHz (H) - VGA/HDMI, 30–160 kHz (H) - DisplayPort / 56–80 Hz (V) - VGA, 23–80 Hz (V) - HDMI/DisplayPort
MHL	1080P @ 60 Hz
sRGB	Yes

Connectivity

Signal Input	VGA (Analogue) DisplayPort x 2 HDMI (1.4) - MHL x 1 HDMI (2.0) — MHL x 1
USB	USB 3.0x4 (1 w/fast charging)*
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	PC audio-in Headphone out

Convenience

Built-in Speakers	5 W x 2
MultiView	PBP (4 x devices) PIP (2 x devices)
User convenience	SmartImage Multi-view 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
Kensington lock
VESA mount (100 x 100 mm)
DDC/CI
Mac OS X
sRGB
Windows 10 / 8.1 / 8 / 7

Other convenience

Plug and Play Compatibility

Power

ECO mode	32.61 W
On mode	43.74 W (typ.) (EnergyStar 7.0 test method)
Standby mode	0.5 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White Standby mode - White (flashing)
Power supply	Built-in 100-240 VAC, 50-60 Hz

Dimensions

Product with stand (max height)	909 x 643 x 247 mm
Product without stand (mm)	909 x 532 x 72 mm
Packaging in mm (W x H x D)	1043 x 731 x 304 mm

Weight

Product with stand (kg)	11.6 kg
Product without stand (kg)	11.3 kg
Product with packaging (kg)	16.42 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)

MTBF 70,000 hrs (excluded backlight)
hour(s)

Sustainability

Environmental and energy EnergyStar 7.0
RoHS
Recyclable packaging material 100 %
Specific Substances Mercury free
Lead free

Compliance and standards

Regulatory Approvals WEEE
CECP
PSE
VCCI
BSMI
CE Mark
cETLus
CU-EAC
EPA
FCC Class B
ICES-003
J-MOSS
KUCAS

PSB
RCM
SASO
SEMKO
TUV Ergo
TUV/GS
UKRAINIAN
MEPS

Cabinet

Front bezel Silver
Rear cover White
Foot Silver
Finish Glossy

Stand

Tilt -5/10 degree

What's in the box?

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

* This Philips display is MHL-certified. However, if your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for instructions. The policy of your device manufacturer may require you to purchase its brand-specific MHL cable or adapter in order for it 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 a complete list of MHL-enabled products, refer to www.mhlconsortium.org

* Radius of the arc of the display curvature in mm

* Fast charging through BC 1.2 standard

* Response time value equal to SmartResponse

* Four inputs required for four systems on one screen.



data subject to change
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