4K Ultra HD LCD display with MultiView

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

BDM4037UW/27

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, see the big picture and all the details in 4K Ultra High Definition (four times the resolution for full HD)

Benefits

Curved design inspired by the world around us
• Curved display design for more immersive experience

Expand your viewing experience
• UltraClear 4K UHD (3840x2160) resolution for precision
• Ultra Wide-Color wider range of colors for a vivid picture
• VA display delivers awesome images with wide viewing angles
• MultiView 4K for 4 systems on one screen
• SmartImage presets for easy optimized image settings
• Less eye fatigue with Flicker-free technology

• 1.074 billion colors for smooth color 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 big screen
• SmartConnect with DisplayPort, HDMI and VGA connections
• Slim bezel design for a stylish look

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Features

Curved display design

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

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.

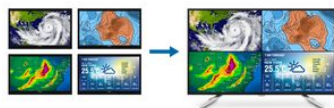## Ultra Wide-Color Technology

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

VA display

Philips VA 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.
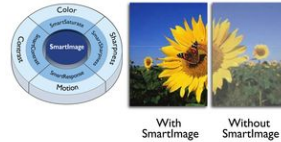
MultiView technology for 4K

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 the Picture-by-Picture (PbP) for monitoring 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 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!
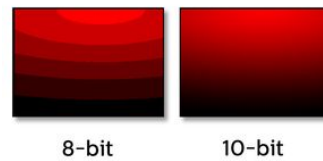
Flicker-free technology

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. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

10-bit colors

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.

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.

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.

SmartConnect for 4K

These Philips displays come equipped with the most advanced multi connections like VGA, Display Port, 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 60Hz for smooth visuals. 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

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 @ 60Hz
Response time (typical)	4 ms (Gray to Gray)*
Brightness	300 cd/m²
Contrast ratio (typical)	4,000:1
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
Color gamut (typical)	NTSC 100% (CIE1976)*
Display colors	Color support 1.07 billion colors (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 @ 60Hz
sRGB	Yes

Connectivity

Signal Input	VGA (Analog) 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 (4x devices) PIP (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 Ukranian 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

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 (blinking)
Power supply	Built-in 100-240VAC, 50-60Hz

Dimensions

Product with stand(max height)	909 x 643 x 247 mm
Product with stand(max height)	35.8 x 25.3 x 9.7 inch
Product without stand (mm)	909 x 532 x 72 mm
Product without stand in inch	35.8 x 20.9 x 2.8 inch
Packaging in mm (WxHxD)	1043 x 731 x 304 mm
Packaging in inch (WxHxD)	41.1 x 28.8 x 12.0 inch

Weight

Product with stand (kg)	11.6 kg
Product with stand (lb)	25.52 lb
Product without stand (kg)	11.3 kg
Product without stand (lb)	24.86 lb
Product with packaging (kg)	16.42 kg

Product with packaging (lb)	36.12 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)
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

* 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.mhlconsortiun.org
* Radius of the arc of the display curvature in mm
* Fast charging complies with USB BC 1.2 standard
* Response time value equal to SmartResponse
* Four inputs required for 4 systems on one screen.
* NTSC 85% (CIE1931), sRGB: 123%

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