LED-backlit LCD Display with MultiView

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

BDM3270QP2/00

Expand your experience

Crystalclear images, maximum performance

This Philips 32" display will amaze you with its Crystal clear Quad HD 2560 x 1440 images and brilliant colours. MultiView allows active dual connect and view.

Benefits

Brilliant performance

- Crystal clear images with Quad HD 2560 x 1440 pixels
- AMVA LED for wide-view super-high contrast, vivid images
- 1.074 billion colours for smooth colour gradations and detail
- Less eye fatigue with Flicker-Free technology

Designed for the way you work

- MultiView enables simultaneous dual connect and view
- SmartErgoBase enables user-friendly ergonomic adjustments
- Built-in stereo speakers for multimedia
- Low bezel-to-table height for maximum reading comfort

Easy to connect and enjoy

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

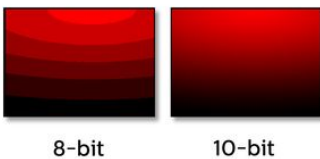# PHILIPS

Features

CrystalClear images

These latest Philips screens deliver CrystalClear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilising high-performance panels with a 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 a 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, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images even in 90 degree pivot mode

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.

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. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multitasking.

SmartErgoBase

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, 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. They may 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 a 5.0 gbit/s transfer rate, which is about 10 times faster than the USB 2.0 standard, significantly reducing data transfer time and 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 large-capacity storage devices. Sync-N-Go technology ensures you don't have to wait for bandwidth to be freed up any more. Your investment in USB 2.0 devices is protected as it is backwards-compatible.

SmartConnect

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

DisplayPort connection

DisplayPort is a digital link from PC to monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15 metre cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates — making DisplayPort the best choice for not only general office or home use, but also for the more demanding gaming and films, video editing and more. It also keeps interoperability in mind via the use of various adapters.

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.

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	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/m²
Response time (typical)	4 ms (Grey to Grey)*
Contrast ratio (typical)	3000:1
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 colours	Colour support 1.07 billion colours
Scanning Frequency	15 - 99 kHz (H) / 23 - 76 Hz (V) *
MHL	1080P @ 60 Hz
sRGB	Yes
Brightness uniformity	93% ~ 105%
Delta E	3 (typ) for 6500K

Connectivity

USB	USB 3.0 x 2 (1 w/fast charging)* USB 2.0 x 2
Signal Input	VGA (Analogue) 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 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
Other convenience	Kensington lock VESA mount (100 x 100 mm)

Plug and Play Compatibility

Plug and 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 (flashing)
Power supply	Built-in 100-240 VAC, 50-60 Hz

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 (W x H x D)	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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
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

data subject to change
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	CECP		Finish	Texture
	PSE			
	KC		**What's in the box?**	
	BSMI		Monitor with stand	Yes
	VCCI		Cables	D-Sub cable, DVI-D cable, DP cable, HDMI cable, Audio cable, Power cable
Cabinet			User Documentation	Yes
Front bezel	Black			
Rear cover	Black			
Foot	Black			

* 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
* "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 complies with USB BC 1.2 standard
* Response time value equal to SmartResponse

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