Philips Brilliance
LED-backlit LCD Display
with Multiview

32" / 81.3 cm
2560 x 1440 (QHD)

BDM3270QP

Expand your experience

Crystalclear images, maximum performance

This Philips 32'' display will amaze you with its Crystalclear Quad HD 2560 x 1440 images and brilliant colors. Multiview allows active dual connect and view.

Brilliant performance

- AMVA LED for wide-view super-high contrast, vivid images
- 1.074 billion colors for smooth color gradations and detail
- Crystalclear images with Quad HD 2560 x 1440 pixels
- Less eye fatigue with Flicker-free technology

Designed for the way you work

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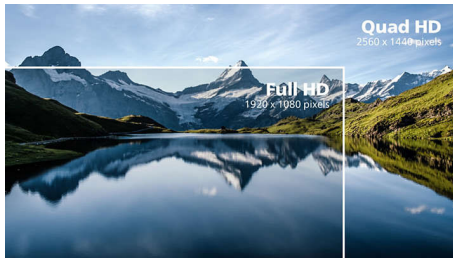
Easy to connect and enjoy

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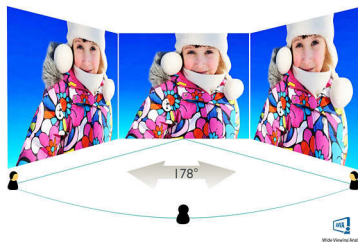- DisplayPort connection for maximum visuals

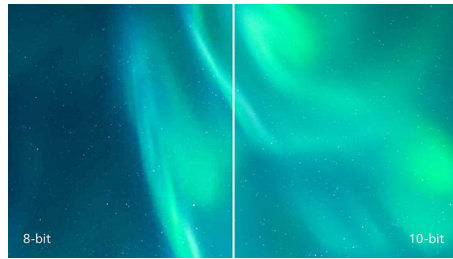# PHILIPS

Highlights

Crystalclear images

These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like USB-C, Displayport, HDMI, 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 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, 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 even in 90 degree pivot mode
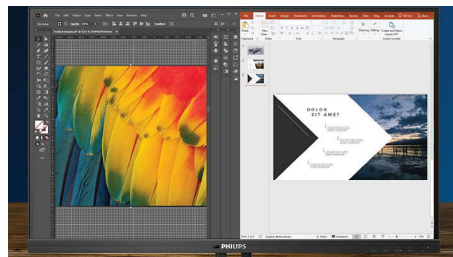
10-bit colors

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.

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.
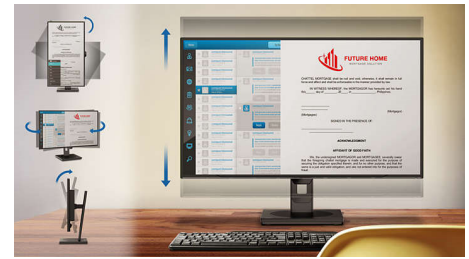
MultiView technology

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 multi-tasking.

SmartErgoBase

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while 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. It can 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 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 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.

Quad HD | Wide Viewing Angle | Flicker-free | Multiview | SmartErgo Base | Built-in Speaker | USB 3.0 | SmartConnect

Specifications

Connectivity
- Signal Input: VGA (Analog), DVI-Dual Link (digital, HDCP), DisplayPort x 1, MHL-HDMI (digital, HDCP)
- USB: USB 2.0 x 2, USB 3.0 x 2 (1 with B.C.1.2)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display
- Panel Size: 32 inch / 81.3 cm
- Aspect ratio: 16:9
- LCD panel type: AMVA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.277 x 0.277 mm
- Optimum resolution: 2560 x 1440 @ 60Hz
- Brightness: 300 cd/m²
- Brightness uniformity: 93% ~ 105%
- Display colors: Color support 1.07 billion colors
- Contrast ratio (typical): 3,000:1
- SmartContrast: 50,000,000:1
- Response time (typical): 4 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 708.48 (H) x 398.52 (V)
- Scanning Frequency: 15 - 99 kHz (H) / 23 - 76 Hz (V) *
- sRGB
- MHL: 1080P @ 60Hz
- Delta E: 3 (typ) for 6500K

Convenience
- Built-in Speakers: 3 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Multiview, User, Menu, Power On/Off
- 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 (100x100mm)
- Control software: SmartControl Premium
- MultiView: PIP/PBP mode, 2x devices

Stand
- Height adjustment: 180 mm
- Pivot: 90 degree
- Swivel: -170/+170 degree
- Tilt: -5/20 degree

Power
- ECO mode: 31 W (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with AC switch
- On mode: 35.45 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: <0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Packaging in mm (WxHxD): 970 x 526 x 224 mm
- Product without stand (mm): 742 x 438 x 61 mm
- Product with stand(max height): 742 x 657 x 270 mm

Weight
- Product with packaging (kg): 14.98 kg
- Product with stand (kg): 10.76 kg
- Product without stand (kg): 7.80 kg

Operating conditions
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability
- Environmental and energy: EnergyStar 7.0, RoHS
- Post consumer recycled plastic: 65%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, SEMKO, cETLus, CU-EAC, EPA, PSB, WEEE, CCC, CECP, PSE, KC, BSMI, VCCI

Cabinet
- Finish: Texture
- Foot: Black
- Front bezel: Black
- Rear cover: Black

* 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
* "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.
* Response time value equal to SmartResponse