



Philips Brilliance
LED-backlit LCD monitor
with PowerSensor

B Line

27" (68.6 cm)
2560 x 1440 (QHD)

Brilliance

272B4QPJCB



Crisp images, efficient performance

with PowerSensor saves energy

This Philips PowerSensor LED display with PVC and BFR free housing, USB hub and ergonomic base is ready for eco-friendly productivity

Brilliant performance

- IPS-AHVA wide-view technology for image and color accuracy
- Crystalclear images with Quad HD 2560 x 1440 pixels
- MultiView enables simultaneous dual connect and view
- Less eye fatigue with Flicker-free technology

Designed for people

- SmartErgoBase enables people-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort
- Built-in stereo speakers for multimedia
- USB 3.0 Hub for convenient access and fast charging
- SmartConnect with HDMI, Display port and Dual link DVI
- MHL technology for enjoying mobile content on big screen

Sustainable Eco-design

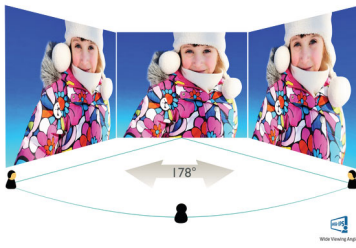
- PowerSensor saves up to 80% energy costs

PHILIPS

LED-backlit LCD monitor
B Line 27" (68.6 cm), 2560 x 1440 (QHD)

Highlights

IPS-AHVA display



IPS-AHVA displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS-AHVA displays give you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

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 Displayport, HDMI, Dual link DVI, 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.

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

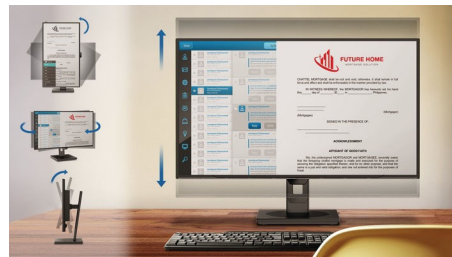
with multiple devices like a PC and notebook simultaneously, for complex multi-tasking.

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.

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; 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.

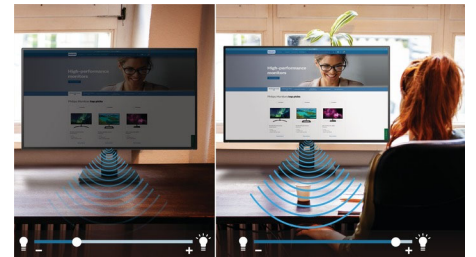
SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multi connections like Dual link DVI, Display Port, universal

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HDMI connector, enabling you to enjoy high resolution uncompressed video and audio content. USB 3.0 option 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!

PowerSensor



PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

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

Picture/Display

- LCD panel type: IPS-AHVA LCD
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.6 cm
- Effective viewing area: 596.7 (H) x 335.7 (V)
- Aspect ratio: 16:9
- Optimum resolution: 2560 x 1440 @ 60Hz
- Response time (typical): 4 ms (Gray to Gray)*
- Brightness: 350 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.233 x 0.233 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: Color support: True 8 bit
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity

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

Convenience

- Built-in Speakers: 2 W x 2
- User convenience: SmartImage, Multiview, User, Menu, Power On/Off
- Control software: PowerSensor, SmartControl
- 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 (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7

Stand

- Height adjustment: 120 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

Power

- ECO mode: 25 W (typ.)
- On mode: 24.4 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: 100-240VAC, 50-60Hz, External

Dimensions

- Product with stand (mm): 639 x 540 x 244 mm
- Product without stand (mm): 639 x 405 x 68 mm
- Packaging in mm (WxHxD): 740 x 490 x 299 mm

Weight

- Product with stand (kg): 6.72 kg
- Product without stand (kg): 4.40 kg
- Product with packaging (kg): 10.60 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability

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

Compliance and standards

- Regulatory Approvals: cETLus, CE Mark, FCC Class B, SEMKO, TUV Ergo, TUV/GS, WEEE, CU-EAC, TCO Certified

Cabinet

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

What's in the box?

- Monitor with stand
- Cables: VGA, DVI, DP, Audio, Power
- User Documentation



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Version: 6.0.2

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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

* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality

* Requires optional MHL certified mobile device and MHL cable. (not included) Please check with your MHL device vendor for compatibility.

* For complete list of MHL-enabled products refer to www.mhlconsortium.org

* Fast charging complies with USB BC 1.2 standard

* Response time value equal to SmartResponse