

Philips Brilliance  
LED-backlit LCD monitor

C-line

24 (23.8" / 60.5 cm diag.)  
1920 x 1080 (Full HD)

245C5QHAB



## IPS monitor & Bluetooth speaker in one

rock and talk where you work

The Philips Moda 2 combines stunning visuals with the convenience of a Bluetooth speaker system in one refined package. Easily stream your music and take calls from the powerful Bluetooth speaker system, to expand your experience.

### Stunning Visuals

- Full HD for crystal clear sharp images
- AH-IPS display gives awesome images with wide viewing angles
- SmartImage presets for easy optimized image settings
- SmartContrast for deep black level details
- Less eye fatigue with Flicker-free technology

### Expansive sound, easy connections

- Music and video streaming while charging with MHL
- Powerful 7-Watt speakers to unleash your content
- SRS WOW HD™ for thrilling immersive sound
- Bluetooth for wireless music streaming and calls
- Incredible Surround for virtual 5.1 channels Cinema Sound

### 360 degree design for depth and feeling

- Expressive wrap around elegance-inspired design
- Edge-to-edge glass and narrow border for seamless appearance

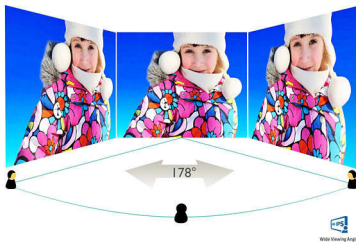
**PHILIPS**

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245C5QHAB/69

# Highlights

## AH-IPS technology



AH-IPS 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, AH-IPS displays gives 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.

## Full HD



The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

## 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.

## 7-Watt 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.

## SRS WOW HD™

Small speakers on most monitors often result in "ho-hum" audio experience. Philips monitors specially tuned with SRS WOW HD™, transform your sound experience into an immersive, thrilling event. We bet you'll say "WOW" when you hear the SRS difference.

## Incredible Surround

Incredible Surround Sound technology produces embracing multi-channel surround sound with stereo speakers, without the constraints of room size and the clutter of wires. It delivers an impressive virtual 5.1 sound for immersive movie experience and musical enjoyment.

## Bluetooth Streaming



Experience the wireless freedom of Bluetooth technology. Quickly pair your mobile device to

the monitor Bluetooth speaker and easily play your favorite music, or even use for hands-free speakerphone calls.

## 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.

## Super Narrow Border



Utilizing latest technology panels, the new Philips displays are designed with minimalistic approach by limiting the outer bezel thickness to about 2.5 mm. Combined with in-panel black matrix strip of only 3.5 mm, the overall border dimensions are reduced significantly allowing for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, the ultra-narrow bezel display gives you the feeling of using one large display.



# Specifications

## Connectivity

- Signal Input: VGA (Analog), HDMI x 2, MHL-HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

## Picture/Display

- Panel Size: 23.8 inch / 60.5 cm
- Aspect ratio: 16:9
- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.2745 x 0.2745 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 14 ms
- Viewing angle: 178° (H) / 178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage
- Effective viewing area: 527.04 (H) x 296.46 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- sRGB
- SmartResponse (typical): 5 ms (Gray to Gray)

## Convenience

- Built-in Speakers: 7 Watt x 2, Bluetooth Speaker
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8
- User convenience: Bluetooth, SmartImage, Input, Volume, Menu, Power On/Off
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian, Hungarian
- Other convenience: Kensington lock
- Built-in Microphone

## Stand

- Tilt: -5/20 degree degree

## Power

- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: 0.3 W (typ.)
- On mode: 16.41 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Product with stand (mm): 540 x 419 x 238 mm
- Packaging in mm (WxHxD): 608 x 486 x 286 mm
- Product without stand (mm): 540 x 334 x 39 mm

## Weight

- Product with packaging (kg): 7.31 kg
- Product with stand (kg): 4.52 kg

## Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0 to 40 °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20 to 60 °C

## Sustainability

- Environmental and energy: EnergyStar 6.0, RoHS, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, cETLus, FCC Class B, GOST, SASO, SEMKO, TUV/ISO9241-307, WEEE, CCC

## Cabinet

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



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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

\* 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.mhlconsortium.org](http://www.mhlconsortium.org)

\* "AH-IPS" word mark / trademark and related patents on technologies belong to their respective owners.

\* Smart response time is the optimum value from either GtG or GtG (BW) tests.