

Philips Brilliance  
LCD monitor with  
SmartImage

### B Line

25" (63.4 cm)  
2560 x 1440 (QHD)

258B6QJEB



## Crisp images, efficient performance

for maximum productivity

The Philips AH-IPS LED display using 65% post consumer recycled plastics and PVC, BFR-free is ideal for eco-friendly productivity.

#### Excellent performance

- Less eye fatigue with Flicker-free technology
- SmartImage presets for easy optimized image settings
- AH-IPS display for brilliant images with vivid colors
- Crystalclear images with Quad HD 2560 x 1440 pixels
- Edge-to-edge glass and narrow border for seamless appearance

#### Designed for people

- Low bezel-to-table height for maximum reading comfort
- SmartErgoBase enables people-friendly ergonomic adjustments

#### Easy to experience

- HDMI ensures universal digital connectivity
- USB 3.0 enables fast data transfers and smart phone charging
- Built-in stereo speakers for multimedia
- DisplayPort connection for maximum visuals

# PHILIPS

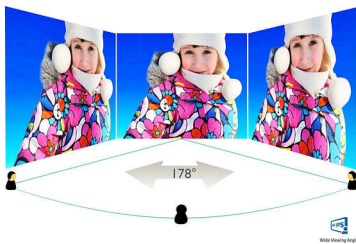
# Highlights

## 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.

## AH-IPS technology



This latest Philips display uses advanced AH-IPS panels resulting in superior color reproduction, response time and power consumption. Unlike standard TN panels, AH-IPS panels show consistent color even at 178 degrees wide angles and in pivot mode. With remarkable performance, AH-IPS is best suited for applications demanding color accuracy and consistent brightness at all times like photo

retouching, graphics applications and web browsing.

## 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.

## SmartImage



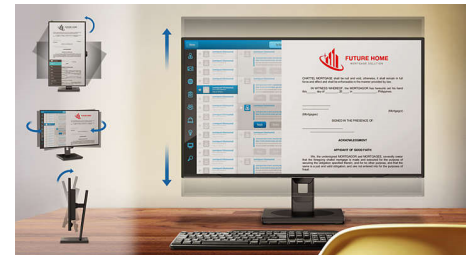
SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based 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!

## 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.

## 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.



Quad HD



Wide Viewing Angle



Flicker-free



SmartImage™



SmartErgo Base



USB 3.0



HDMI™



Built-in Speaker



Philips

# Specifications

## Connectivity

- Signal Input: VGA (Analog), DVI-Dual Link (digital, HDCP), DisplayPort x 1, 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: 25 inch / 63.4 cm
- Aspect ratio: 16:9
- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.216 x 0.216 mm
- Optimum resolution: 2560 x 1440 @ 60Hz
- Brightness: 350 cd/m<sup>2</sup>
- Display colors: 16.7 M (True 8 bit)
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000 :1
- Response time (typical): 14 (GtG) ms
- Viewing angle: 178° (H) / 178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage
- Effective viewing area: 552.96 (H) x 311.04 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB
- SmartResponse (typical): 5 ms (GtG)

## Convenience

- Built-in Speakers: 2Wx2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7
- User convenience: SmartImage, Volume, Input, Menu, Power On/Off
- 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)
- Control software: SmartControl Premium

## Stand

- Height adjustment: 130 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

## Power

- ECO mode: <math>18.9\text{ W}</math> (typ.)
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with AC switch
- On mode: 24.6 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: <math>0.5\text{ W}</math> (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Packaging in mm (WxHxD): 625 x 421 x 290 mm
- Product without stand (mm): 571 x 344 x 55 mm
- Product with stand(max height): 571 x 511 x 244 mm

## Weight

- Product with packaging (kg): 7.81 kg
- Product with stand (kg): 7.00 kg
- Product without stand (kg): 4.66 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 (excluded backlight)

## Sustainability

- Environmental and energy: EnergyStar 6.0, EPEAT\*, TCO Certified Edge, 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, CECP, TUV Ergo, TUV/GS

## Cabinet

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



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