



Philips Brilliance
LCD monitor with
SmartImage

B-line

25" / 63.4 cm
Quad HD (2560 x 1440)

Brilliance

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

- Crystalclear images with Quad HD 2560x1440 pixels
- AH-IPS LED gives brilliant images with vivid colors
- Less eye fatigue with Flicker-free technology
- SmartImage presets for easy optimized image settings
- Edge-to-edge glass and narrow border for seamless appearance

Designed for people

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

Easy to experience

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

PHILIPS

Highlights

Crystalclear images

These latest 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.

AH-IPS technology



This latest Philips display uses advanced AH-IPS panels utilizing improved structure resulting in superior color reproduction, response time and power consumption compared to other wide view angle panels. Unlike standard TN panels, AH-IPS panels exhibit least amount of Gamma fluctuation and therefore are able to show consistent color even at 178/178 degrees and in pivot mode. With remarkable performance, it is best suited for applications demanding color accuracy and consistent brightness at all times like photo retouching, graphics applications and web browsing.

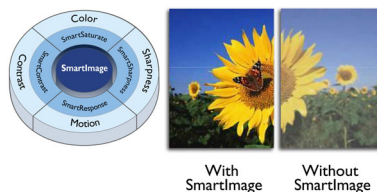
Flicker-free technology



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'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.

Low bezel-to-table height



The Philips monitor, thanks to its advanced SmartErgoBase, can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.

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 latest 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.



Specifications

Picture/Display

- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Panel Size: 25 inch / 63.4 cm
- Effective viewing area: 552.96 (H) x 311.04 (V)
- Aspect ratio: 16:9
- Optimum resolution: 2560 x 1440 @ 60Hz
- Response time (typical): 14 (GtG) ms
- SmartResponse (typical): 5 ms (GtG)
- Brightness: 350 cd/m²
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000 :1
- Pixel pitch: 0.216 x 0.216 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M (True 8 bit)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity

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

Convenience

- Built-in Speakers: 2Wx2
- User convenience: SmartImage, Volume, Input, Menu, Power On/Off
- Control software: SmartControl Premium
- 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: 130 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

Power

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

Dimensions

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

Weight

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

Sustainability

- Environmental and energy: EnergyStar 6.0, EPEAT Gold*, TCO edge, 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, TCO 6.0, EPA, PSB, WEEE, CECP, TUV Ergo, TUV/GS

Cabinet

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



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