Philips Brilliance
LCD monitor with
SmartImage

• Gioco
• 23" / 58.4cm
• Full HD IPS display

Brilliance

238C4QHSN

Stylish, high performance display

for immersive entertainment

Intensify your viewing experience with this stylish Philips Gioco display. With it's iconic design using ultra narrow bezel, brilliant colors and superb picture performance, the Philips Gioco is ready to immerse you in entertainment!

Brilliant performance
- AH-IPS LED gives brilliant images with vivid colors
- LED technology for natural colors
- SmartContrast for rich black details
- HDMI-ready for Full HD entertainment

Easy to experience
- SmartImage: Optimized user friendly display experience
- SmartTxt for a optimized reading experience
- SmartKolor for rich vibrant images

Iconic design reflects your lifestyle
- Minimalistic looks with Ultra Narrow Bezel
- Iconic design with diamond faceted back
- Superb dark bronze glossy finish

PHILIPS

Highlights

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.

Ultra Narrow Bezel

Utilizing latest technology panels, the new Philips displays are designed with minimalistic approach by limiting the outer bezel thickness to about 2.5mm. Combined with in-panel black matrix strip of around 9mm, the overall bezel dimensions are reduced significantly allowing for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphics design and professional applications, the Ultra narrow bezel display gives you the feeling of using one large display.
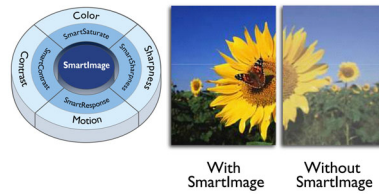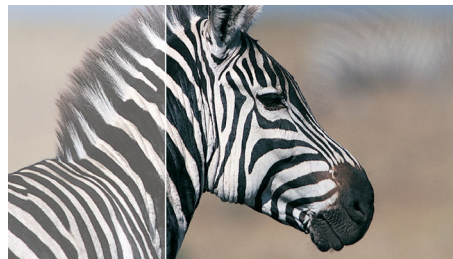
HDMI Ready

HDMI ready

A HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input, high quality digital video and audio signals all transmitted over a single cable from a PC or any number of AV sources including set-top boxes, DVD players and A/V receivers and video cameras.

SmartImage

With SmartImage · Without 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, Image, Entertainment, 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!
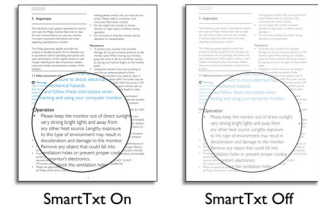
SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

SmartKolor

SmartKolor On · SmartKolor Off

SmartKolor is a sophisticated color extension technology that is able to enhance visual color range of the display. By boosting RGB gain level of the display, this feature enables you to have rich, vibrant images for experiencing outstanding photos and videos.

SmartTxt

SmartTxt On · SmartTxt Off

SmartTxt is a sophisticated algorithm that enhances reading of text based application such as PDF documents or ebooks which usually requires more focus and concentration. SmartTxt feature increases the contrast and boundary sharpness of text content for better readability. Optimization for reading is done by adjusting the display's gray level scale along with white balance, brightness and contrast.

iF Product Design Award

Philips Gioco wins iF design award Excellent product design. The iconic design slim Philips Gioco 3D monitor with Ambiglow technology gives you immersive gaming. Its minimalistic ultra narrow bezel with AHIPS screen ensures brilliant images and underpins its tag line "Brilliant Ambiglow display"

Specifications

Picture/Display
- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Panel Size: 23 inch/58.4 cm
- Effective viewing area: 509.18 (H) x 286.41 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- SmartResponse (typical): 7 ms (Gray to Gray)
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.265 x 0.265 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 -75 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analog), HDMIx2
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: HDMI audio out

Convenience
- User convenience: SmartImage, Input, Power On/Off, Turbo, Menu
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/Vista

Stand
- Tilt: -5/20 degree

Power
- On mode: 28.6 W (EnergyStar 5.0 test method)
- Standby mode: 0.3W
- Off mode: 0.3W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: External, 100-240VAC, 50-60Hz

Dimensions
- Product with stand (mm): 533 x 414 x 197 mm
- Product without stand (mm): 533 x 324 x 44 mm
- Packaging in mm (WxHxD): 576 x 460 x 99 mm

Weight
- Product with stand (kg): 3.80 kg
- Product without stand (kg): 3.35 kg
- Product with packaging (kg): 5.53 kg

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

Sustainability
- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TCO 6.0, TUV/ISO9241-307, UL/cUL, WEEE

Cabinet
- Front bezel: Dark Bronze
- Rear cover: Dark Bronze
- Foot: Dark Bronze
- Finish: Glossy

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