Great LED images in vivid colors

Enjoy crisp vivid images slim Philips display. Equipped with SmartContrast that ensures rich bright images makes it a great choice!

Vivid pictures every time
- SmartContrast for rich black details
- AH-IPS display gives awesome images with wide viewing angles
- 16:9 Full HD display for crisp detailed images
- Less eye fatigue with Flicker-free technology

Great choice
- Compact design saves space
- Mercury Free eco-friendly display
- VESA mount allows for flexibility
- Narrow border display for seamless appearance
- Low power consumption saves energy bills

PHILIPS

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.

16:9 Full HD display

Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.
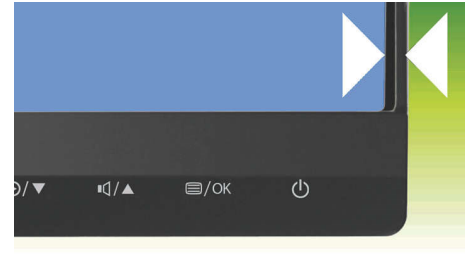
SmartContrast

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.

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.

UltraNarrow Border

The new Philips displays feature ultra-narrow borders which allow 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 border display gives you the feeling of using one large display.

Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

VESA mount

VESA mount allows for flexibility

Compact design saves space

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Low power consumption

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AH-IPS Wide Viewing Angle | Full HD 1080p | Flicker-free | Ultra Narrow Bezel | Hg Free | VESA Mount | Full HD 1080p | AH-IPS Wide Viewing Angle | 10,000,000:1 SmartContrast | Ultra Narrow Bezel

Specifications

Connectivity
- Signal Input: VGA (Analog), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green

Picture/Display
- Panel Size: 21.5 inch / 54.6 cm
- Aspect ratio: 16:9
- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.248x 0.248 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 10,000,000:1
- Response time (typical): 8 Gray to Gray (BW) ms
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Effective viewing area: 476.06 (H) x 267.79 (V)
- Scanning Frequency: 30 -83 kHz (H) / 56 -76 Hz (V)
- sRGB

Convenience
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7
- User convenience: Power On/Off, Menu/OK, Brightness/Back, 4:3 Wide/Up, Auto/Down
- 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)

Stand
- Tilt: -5/20 degree

Power
- Power supply: 100-240VAC, 50-60Hz, External
- Off mode: 0.5 W
- On mode: 25.20 W (typ.) / 25.56 W (max.)
- Standby mode: 0.5 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Product with stand (mm): 500 x 372 x 200 mm
- Packaging in mm (WxHxD): 560 x 438 x 110 mm
- Product without stand (mm): 500 x 306 x 39 mm

Weight
- Product with packaging (kg): 3.79 kg
- Product with stand (kg): 2.50 kg
- Product without stand (kg): 2.20 kg

Operating conditions
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 50,000 (excluded backlight) hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

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

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, WEEE, CECP

Cabinet
- Color: Black
- Finish: Glossy / Textured

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