Philips Momentum
QHD LCD display

40 (39.56" / 100.5 cm diag.)
Quad HD (2560 x 1440)

BDM4076QC

Get in the moment

The large 40'' Momentum display with immersive Ambiglow lighting gets you in the moment. Crafted with premium materials, Momentum adds a sophisticated look to your space.

Design to enhance the senses
• Crafted with premium materials for a sophisticated look

Superb Picture Quality
• Crystalclear images with Quad HD 2560 x 1440 pixels
• MVA Display for wide viewing angles and deep contrast levels

Built for fast action
• SmartImage game mode optimized for gamers
• SmartSize allows you to play on different screen sizes

Get comfortable
• LowBlue Mode for easy on-the-eyes productivity
• Less eye fatigue with Flicker-free technology

PHILIPS

QHD LCD display
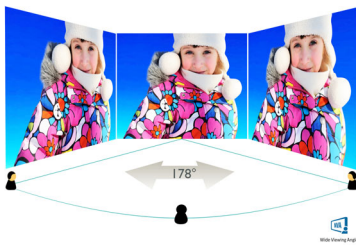40 (39.56" / 100.5 cm diag.) Quad HD (2560 x 1440)

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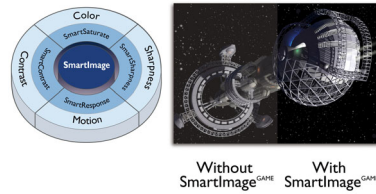
Highlights

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.
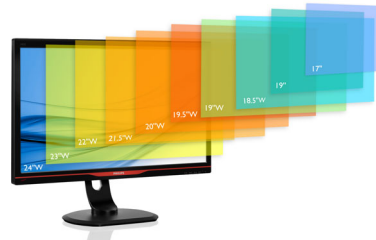
MVA Display Technology

Philips MVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

SmartImage Game mode

The new Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

SmartSize

SmartSize allows you to change the screen view of this Philips gaming display to suit your preference. Using the SmartSize function, you can easily swap to different screen sizes. Now, you have the flexibility to simulate and practice gaming in different sizes, while using a single display.

LowBlue Mode

Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

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.

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Specifications

Picture/Display

- LCD panel type: MVA
- Backlight type: W-LED system
- Panel Size: 39.56 inch / 100.5 cm
- Color gamut (typical): NTSC 90%*, sRGB103%*
- Effective viewing area: 878.11 (H) x 485.35 (V)
- Aspect ratio: 16:9
- Optimum resolution: 2560 x 1440 @ 60 Hz
- Pixel Density: 74 PPI
- Response time (typical): 5 ms (Gray to Gray)*
- Brightness: 300 cd/m²
- Contrast ratio (typical): 3000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.343 x 0.343 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 - 99 kHz (H) / 50 - 76 Hz (V)
- LowBlue Mode
- sRGB

Connectivity

- Signal Input: VGA (Analog), DisplayPort 1.2, HDMI 1.4 x 1
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI audio out

Convenience

- User convenience: Menu/OK, Input/Up, SmartImage Game/Return, SmartSize/Down, Power On/Off
- Control software: SmartControl
- 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, Ukranian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand

- Tilt: -5/10 degree

Power

- On mode: 52.6 W (typ.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions

- Product with stand(max height): 911 x 613 x 243 mm
- Product without stand (mm): 911 x 528 x 56 mm
- Packaging in mm (WxHxD): 1027 x 738 x 309 mm

Weight

- Product with stand (kg): 10.60 kg
- Product without stand (kg): 10.10 kg
- Product with packaging (kg): 15.40 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: 50,000 hrs (excluding backlight) hour(s)

Sustainability

- Environmental and energy: RoHS
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: CCC, WEEE, CECP, CEL

Cabinet

- Front bezel: Black
- Rear cover: Black
- Foot: Gunmetal
- Finish: Glossy / Textured

* Response time value equal to SmartResponse
* NTSC Area based on CIE1976
* sRGB Area based on CIE 1931