Philips Momentum
Full HD LCD monitor

Momentum
25 (24.5" / 62.2 cm diag.)
Full HD (1920 x 1080)

253M7LHEB

Get in the moment

Experience fast action on the new Momentum monitor. With fast 1ms refresh and FreeSync Technology you don't miss any action. Height-adjustability and eye-care technologies keep you comfortable on long gaming conquests.

Built for fast action

- Effortlessly smooth gameplay with AMD FreeSync™ technology
- SmartImage game mode optimized for gamers

Vivid pictures every time

- Narrow border display for seamless appearance
- LED technology for brilliant colors and energy effeciency
- 16:9 Full HD display for crisp detailed images

Experience true multimedia

- HDMI-ready for Full HD entertainment

Get comfortable

- Height adjustment for ideal sitting position
- LowBlue Mode for easy on-the-eyes productivity
- Less eye fatigue with Flicker-free technology
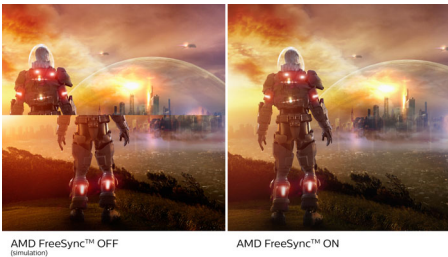- EasyRead mode for a paper-like reading experience

PHILIPS

Highlights

Ultra-smooth gaming

AMD FreeSync™ OFF (simulation)

AMD FreeSync™ ON

Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid, artifact-free performance at virtually any framerate with AMD FreeSync™ technology, smooth quick refresh and ultra-fast response time.
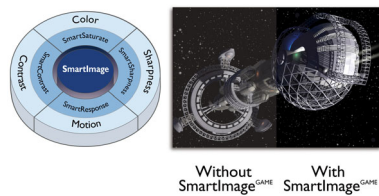
UltraNarrow Border

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.

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.

SmartImage Game mode

Without SmartImage^GAME

With SmartImage^GAME

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.

HDMI Ready

HDMI-ready

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

Ergonomic design

The Smart Ergo Base is a "people freindly" base that delivers screen rotation, swivel, tilt and height adjustment for improved ergonomics and intelligent cable management for a tidy workspace.

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.

EasyRead mode

EasyRead mode for a paper-like reading experience

Specifications

Picture/Display
- LCD panel type: TFT-LCD (TN)
- Backlight type: W-LED system
- Panel Size: 24.5 inch / 62.2 cm
- Effective viewing area: 543.75 (H) x 302.62 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Pixel Density: 90 PPI
- Response time (typical): 1 ms (GtG)*
- Brightness: 250 cd/m²
- SmartContrast: 50,000,000:1
- Contrast ratio (typical): 1000:1
- Pixel pitch: 0.280 x 0.280 mm
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Flicker-free
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) (VGA),30 - 85 kHz (H) (HDMI) / 50 - 76 Hz (V) (VGA), 48 - 76 Hz (V) (HDMI)
- LowBlue Mode
- EasyRead
- Freesync
- sRGB

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

Convenience
- User convenience: Power On/Off, Menu/OK, Brightness/Down, Input/Up, SmartImage game/ Back
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Swedish, Turkish, Traditional Chinese, Ukranian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand
- Height adjustment: 120 mm
- Pivot: 90 degree
- Swivel: -175/+175 degree
- Tilt: -5/25 degree

Power
- On mode: 23.15 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): 557 x 476 x 202 mm
- Product without stand (mm): 557 x 331 x 41 mm
- Packaging in mm (WxHxD): 621 x 420 x 193 mm

Weight
- Product with stand (kg): 5.40 kg
- Product without stand (kg): 3.50 kg
- Product with packaging (kg): 7.46 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: 50,000 (Excluded backlight) hour(s)

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

Compliance and standards
- Regulatory Approvals: CCC, CECP, WEEE

Cabinet
- Color: Black
- Finish: Textured