

Philips Gaming Monitor
Full HD gaming monitor

Momentum 3000

27" (68.5 cm)
1920 x 1080 (Full HD)

27M1N3200V



Take gaming to the next level

This Philips gaming monitor is an ideal all-around display for intense PC games. Sync technology, rapid 165Hz refresh rate and 1ms response time deliver smooth gameplay. Includes a visually immersive slim-frame display and Ultra Wide-Color.

Features designed for you

- EasySelect menu toggle key for quick on-screen menu access
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- SmartErgoBase enables people-friendly ergonomic adjustments

Immersive visuals

- 16:9 Full HD display for crisp detailed images
- SmartContrast for rich black details
- VA display delivers awesome images with wide viewing angles
- Ultra Wide-Color wider range of colors for a vivid picture

The gaming advantage is yours

- 165Hz refresh rates for ultra-smooth, brilliant images
- 1ms (MPRT) fast response for crisp image and smooth gameplay
- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
- SmartImage game mode optimized for gamers
- Low input lag reduces time delay between devices to monitor

PHILIPS

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Momentum 3000 27" (68.5 cm), 1920 x 1080 (Full HD)

27M1N3200V/27

Highlights

AMD FreeSync™ Premium



Gaming shouldn't be a choice between choppy gameplay or broken frames. AMD FreeSync™ Premium equips serious gamers with a fluid, tear-free gameplay experience at peak performance. There are no compromises, game confidently with a high refresh rate, low framerate compensation, and low latency.

165Hz Gaming



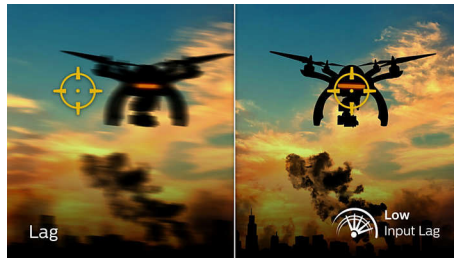
You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up-to 165 times per second, effectively faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. With 165Hz frame rate, you get those critical missing images on the screen which shows enemy movement in ultra-smooth motion so you can easily target them. With ultra-low input lag and no screen tearing, this Philips display is your perfect gaming partner

1ms MPRT fast response



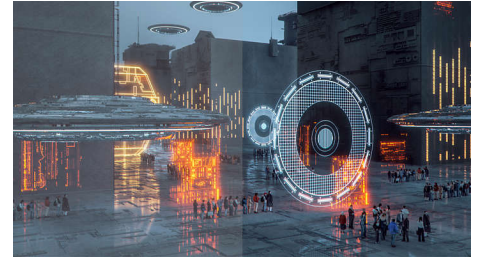
MPRT (motion picture response time) is more intuitive way to describe the response time, which directly refers the duration from seeing blurry noise to clean and crisp images. Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers shaper and precise visuals to enhance gaming experience. Best choice for playing thrilling and twitch-sensitive games.

Low Input Lag



Input lag is the amount of time that elapses between performing an action with connected devices and seeing the result on screen. Low input lag reduces the time delay between entering a command from your devices to monitor, greatly improve on playing twitch-sensitive video games, particularly important to whom plays fast-paced, competitive games.

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.

VA display



Philips VA 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.



Specifications

Connectivity

- Signal Input: HDMI 2.0 x 2, DisplayPort 1.2 x 1
- Sync Input: Separate Sync
- Audio (In/Out): Audio out
- HDCP: HDCP 1.4 (HDMI / DP), HDCP 2.2 (HDMI / DP)

Picture/Display

- Panel Size: 27 inch / 68.5 cm
- Aspect ratio: 16:9
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.3114 x 0.3114 mm
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Color gamut (typical): NTSC 101.5%*, sRGB 121.9%*
- Contrast ratio (typical): 3000:1
- SmartContrast: Mega Infinity DCR
- Response time (typical): 4 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- Maximum resolution: 1920 x 1080 @ 165 Hz*
- Effective viewing area: 597.888 (H) x 336.312 (V)
- Scanning Frequency: HDMI: 30 - 160 kHz (H) / 48 - 165 Hz (V); DP: 30 - 200 kHz (H) / 48 - 165 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 81.59 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- MPRT: 1 ms
- Low Input Lag
- EasyRead
- AMD FreeSync™ technology: Premium

Convenience

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

Stand

- Height adjustment: 130 mm
- Pivot: +/- 90 degree
- Swivel: +/- 45 degree
- Tilt: -5/20 degree

Power

- Power supply: Internal, 100-240VAC, 50-60Hz
- Off mode: 0.3 W (typ.)
- On mode: 25.0 W (typ.)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

- Packaging in mm (WxHxD): 780 x 521 x 224 mm
- Product without stand (mm): 614 x 365 x 55 mm
- Packaging in inch (WxHxD): 30.7 x 20.5 x 8.8 inch
- Product without stand in inch: 24.2 x 14.4 x 2.2 inch
- Product with stand(max height): 614 x 543 x 236 mm
- Product with stand(max height): 24.2 x 21.4 x 9.3 inch

Weight

- Product with packaging (kg): 10.06 kg
- Product with stand (kg): 5.40 kg
- Product with packaging (lb): 22.13 lb
- Product with stand (lb): 11.88 lb
- Product without stand (kg): 3.80 kg
- Product without stand (lb): 8.36 lb

Operating conditions

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

Sustainability

- Environmental and energy: RoHS
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards

- Regulatory Approvals: CB, CCC, CECP, CEL, CE Mark, FCC Class B, ICES-003

Cabinet

- Color: Black
- Finish: Textured

What's in the box?

- Cables: HDMI cable, DisplayPort cable, Power cable
- Monitor with stand
- User Documentation



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Version: 3.0.1

UPC: 6 09585 25514 2

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* The maximum resolution works for either HDMI input or DP input.
* For best output performance, please always ensure that your graphic card is capable of achieving the maximum resolution and refresh rate of this Philips display.
* Response time value equal to SmartResponse
* MPRT is to adjust brightness for blur reduction, so cannot adjust brightness while MPRT is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change.
* MPRT is gaming-optimized mode. Turn on MPRT may cause noticeable screen flickering. It is recommended to turn off when you are not using the gaming function.
* NTSC Area based on CIE1976
* sRGB Area based on CIE1931
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* The monitor may look different from feature images.