

Philips Curved Gaming
Monitor
WQHD gaming monitor

Momentum 5000

34" (86.36 cm)
3440 x 1440 (WQHD)

34M1C5500VA



Feel your game

This Philips gaming monitor delivers crystal-clear visuals and smooth gameplay. Sync technology, 165 Hz refresh rate with HDR create a lifelike experience. The slim-frame display with Ultra Wide-Color enhances visual immersion.

The gaming advantage is yours

- 165 Hz refresh rates for ultra-smooth, brilliant images
- 1 ms (MPRT) fast response for crisp images and smooth gameplay
- Low input lag reduces time delay between devices to monitor

Immersive visuals

- Curved display design for a more immersive experience
- VA display delivers awesome images with wide viewing angles
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- SmartImage HDR gives optimal viewing from your HDR content

Features designed for you

- MultiView enables simultaneous dual connection and view
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Built-in stereo speakers for multimedia
- Tilt, swivel and height-adjust for an ideal viewing position
- EasySelect menu toggle key for quick on-screen menu access

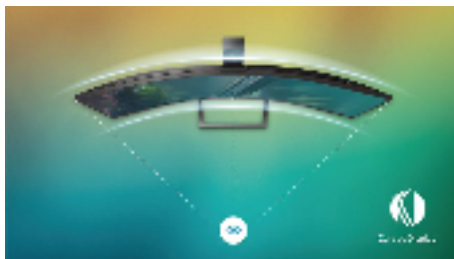
PHILIPS

WQHD gaming monitor
Momentum 5000 34" (86.36 cm), 3440 x 1440 (WQHD)

34M1C5500VA/01

Highlights

Curved display design



Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

165 Hz 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 165 Hz 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

1 ms MPRT fast response



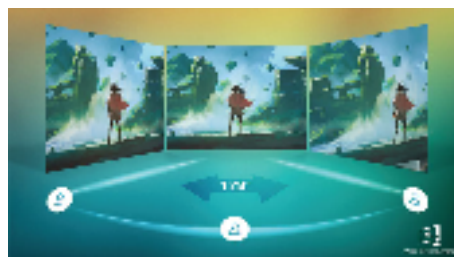
MPRT (motion picture response time) is a more intuitive way to describe response time, which directly refers to the duration between seeing blurry noise and clean, crisp images. The Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur and delivers sharper and more precise visuals to enhance your gaming experience. The 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 improving play on twitch-sensitive video games, particularly important for playing fast-paced, competitive games.

VA display



The Philips VA LED display uses an advanced multi-domain vertical alignment technology

that 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, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178 degree extra-wide viewing angle, resulting in crisp images.

UltraWide CrystalClear images



These Philips screens deliver Crystal Clear, UltraWide Quad HD 3440 x 1440 pixel images. Utilising high-performance panels with high-density pixel count and 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with more room for side-by-side comparisons and more viewable spreadsheet columns. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions or a financial wizard working on huge spreadsheets, Philips displays deliver Crystal Clear images.

Built-in stereo speakers



A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.



Specifications

Picture/Display

- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 34 inch / 86.36 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 797.22 (H) x 333.72 (V) - at a 1500R curvature*
- Aspect ratio: 21:9
- Maximum resolution: HDMI: 3440 x 1440 @ 100 Hz, DP: 3440 x 1440 @ 165 Hz*
- Pixel Density: 109.68 PPI
- Response time (typical): 4 ms (Grey to Grey)*
- MPRT: 1 ms
- Low Input Lag
- Brightness: 300 cd/m²
- SmartContrast: Mega Infinity DCR
- Contrast ratio (typical): 3000:1
- Pixel pitch: 0.23175 x 0.23175 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Flicker-free
- Colour gamut (typical): NTSC 100%*, sRGB 120.7%*
- HDR: HDR 10 supported
- Picture enhancement: SmartImage game
- Display colours: 16.7 M (8 bit)
- Scanning Frequency: HDMI: 30 - 250 kHz (H) / 48 - 100 Hz (V), DP: 30 - 250 kHz (H) / 48 - 165 Hz (V)
- LowBlue Mode
- EasyRead
- sRGB
- Adaptive sync

Connectivity

- Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 2
- HDCP: HDCP 1.4 (HDMI/DisplayPort), HDCP 2.2 (HDMI/DisplayPort)
- USB Hub: USB 3.2 Gen 1 / 5 Gbps, USB-B upstream x 1, USB-A downstream x 4 (with 2 for fast charge B.C 1.2)
- Audio (In/Out): Audio out
- Sync Input: Separate Sync

Convenience

- Built-in Speakers: 5 W x 2
- MultiView: PIP/PBP mode, 2 x devices
- 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 (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X,

sRGB, Windows 11 / 10 / 8.1 / 8 / 7

Stand

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

Power

- On mode: 31.3 W (typ.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Energy Label Class: F
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Internal, 100–240 VAC, 50–60 Hz

Dimensions

- Product with stand (max height): 808 x 618 x 308 mm
- Product without stand (mm): 808 x 366 x 107 mm
- Packaging in mm (W x H x D): 980 x 526 x 226 mm

Weight

- Product with stand (kg): 8.56 kg
- Product without stand (kg): 7.05 kg
- Product with packaging (kg): 11.50 kg

Operating conditions

- Temperature range (operation): 0°C to 40 °C
- Temperature range (storage): -20°C to 60 °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 50 000 (Excluded backlight) hour(s)

Sustainability

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

Compliance and standards

- Regulatory Approvals: CB, CE Mark, FCC Class B, ICES-003, CU-EAC, EAEU RoHS, TUV/ISO9241-307, TUV-BAUART

Cabinet

- Colour: Black
- Finish: Textured

What's in the box?

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



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Version: 1.3.1

12 NC: 8670 001 84992
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* Radius of the arc of the display curvature in mm

* The maximum resolution works for DP input only.

* 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 adjusts the brightness for blur reduction, so the brightness cannot be adjusted while MPRT is turned on. To reduce motion blur, the LED backlight will strobe in time with the screen refresh rate, which may cause a noticeable change in brightness.

* MPRT is a gaming-optimised mode. Turning on MPRT may cause noticeable screen flickering. It is recommended to turn this mode off when you are not using the gaming function.

* NTSC Area based on CIE 1976

* sRGB Area based on CIE1931

* The monitor may look different from feature images.