



Philips Momentum
4K HDR display with
Ambiglow

Designed for Xbox

Momentum
32 (31.5"/80 cm diag.)
3840 x 2160 (4K UHD)



329M1RV

Optimised performance for next-gen console gaming

For true console-gaming enthusiasts, the Designed for Xbox Momentum display delivers a new era of gaming. UltraClear 4K UHD with DisplayHDR 400 offers ultra-crisp and vibrant image quality to get you in the moment.

Designed for Xbox

- Designed for Xbox for the optimal gaming experience
- Smooth console gaming at 4K/120 Hz
- 4K/144 Hz PC gaming on the big screen
- Purpose-built for low latency gaming
- AMD FreeSync™ Premium; tear free, stutter free, fluid gaming
- SmartImage HDR gives optimal viewing from your HDR content

Design to enhance the senses

- Enhanced audio with DTS Sound™
- Ambiglow adds a new dimension to your viewing experience

Features for gamers needs

- 1 ms (MPRT) fast response for crisp images and smooth gameplay
- USB-C one cable does it all
- MultiView enables simultaneous dual connect and view
- Access and display multiple sources on two devices



red dot winner 2020

PHILIPS

4K HDR display with Ambiglow
Designed for Xbox Momentum, 32 (31.5"/80 cm diag.), 3840 x 2160 (4K UHD)

Highlights

Designed for Xbox



Unleash your console gaming. We partnered with the Xbox team to develop this Designed for Xbox display that is validated to deliver the optimal Xbox Series X visual performance the moment that you plug it in.

4K/120 Hz Console gaming



Game with ultra-clear 4K resolution at a smooth 120 Hz refresh rate when you connect your Xbox Series X and other next-gen consoles via one of multiple HDMI 2.1 connections. A faster refresh rate ensures less skipped frames, showing enemy movement in an ultra-clear, smooth motion to easily target them.

4K/144 Hz PC gaming



PC gamers who demand a true 4K gaming experience with the fastest refresh rate of 144 Hz can now enjoy even smoother performance with the included connections.

Low Latency Gaming



Unlike standard TVs, Philips Momentum gaming displays are purpose-built with low lag and lightning-fast pixel response as a priority and supports fast-paced, reaction time-sensitive games. The display also provides variable refresh rate (VRR) support for Xbox Series X to achieve a seamlessly smooth motion.

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.

MultiView and built-in KVM



Control and switch between two devices through a single keyboard and mouse with the built-in KVM. MultiView lets you survey both sources simultaneously on one screen. With

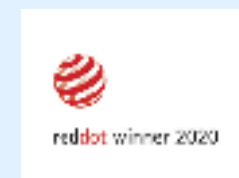
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these features, you can reduce cable clutter and save valuable time. Perfect for streamers with two PCs, content creators or when prepping devices for a LAN event.

DTS Sound™



DTS Sound is an audio-processing solution designed to optimise the playback of music, movies, streaming and games on the PC regardless of form factors. DTS Sound enables an immersive virtual surround sound experience, complete with rich bass and dialogue enhancement and maximised volume levels free of any clipping or distortion.



Red Dot

Red Dot stands for belonging to the best in design and business

This gaming monitor scores with the striking base, which radiates a solid presence and thereby underlines the quality of the monitor.



Specifications

Picture/Display

- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 31.5 inch/80 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 697.344 (H) x 392.2344 (V) mm
- Aspect ratio: 16:9
- Maximum resolution: HDMI/DP: 3840 x 2160 @ 144 Hz*; USB-C: 3840 x 2160 @ 120 Hz
- Pixel Density: 139.87 PPI
- Response time (typical): 1 ms (Grey to Grey)*
- MPRT: 1 ms
- Low Input Lag
- Brightness: 500 cd/m²
- SmartContrast: Mega Infinity DCR
- Contrast ratio (typical): 1000:1
- Pixel pitch: 0.181 x 0.181 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Flicker-free
- HDR: DisplayHDR 400 certified
- Colour gamut (typical): NTSC 113%*, sRGB 124%*, Adobe RGB 111%*
- Picture enhancement: SmartImage game
- Display colours: Colour support 1.07 billion colours
- Scanning Frequency: HDMI: 30–135 kHz (H) / 48–144 Hz (V); DP: 30–254 kHz (H) / 48–144 Hz (V); USB-C: 30–254 kHz (H) / 48–120 Hz (V)
- LowBlue Mode
- SmartUniformity: 93 ~ 105%
- Delta E: <2 (sRGB)
- sRGB
- Ambiglow: 4 sided
- AMD FreeSync™ technology: Premium
- HDMI 2.1 Feature: VRR, FRL

Connectivity

- Signal Input: HDMI 2.1 x 3, DisplayPort 1.4 x 1, USB-C x 1 (DP Alt mode, PD 65W)
- USB: USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 2 fast charge B.C 1.2)
- Sync Input: Separate Sync
- Audio (In/Out): Audio out

Convenience

- Built-in Speakers: 5 W x 2, DTS Sound
- MultiView: PBP (2 x devices)
- KVM: USB-C, USB-B
- 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 10 / 8.1 / 8 / 7

Stand

- Height adjustment: 130 mm
- Swivel: -/+ 20 degree
- Tilt: -5/15 degree

Power

- On mode: 58.9 W (typ.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Energy Label Class: G
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Internal, 100–240 VAC, 50–60 Hz

Dimensions

- Product with stand (max height): 715 x 596 x 297 mm
- Product without stand (mm): 715 x 428 x 78 mm
- Packaging in mm (W x H x D): 800 x 526 x 224 mm

Weight

- Product with stand (kg): 11.63 kg
- Product without stand (kg): 7.80 kg
- Product with packaging (kg): 16.67 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: +12,000 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, TUV/ISO9241-307, TUV-BAUART, CU-EAC, EAEU RoHS, CE Mark

Cabinet

- Colour: Black
- Finish: Textured/Glossy

What's in the box?

- Monitor with stand
- Cables: DP cable, HDMI cable, USB-C to C cable, Power cable
- User Documentation



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Version: 7.0.2

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* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* 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 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
* Adobe RGB Coverage based on CIE 1976
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* The monitor may look different from feature images.