Your gaming experience to the utmost

Experience a 240hz refresh rate and 0.5 MPRT with this monitor. Not to mention, it is designed to bring you high-contrast, HDR 400 quality visuals and clear Quad HD-quality imagery for a gaming experience that is sure to check all boxes.

Built for fast action
• AMD FreeSync™ Premium Pro; smooth, low latency HDR gaming
• Ultra-fast 240 Hz refresh rate for virtually lag-free gaming
• 0.5 ms ultra-fast speed for crisp image and smooth gameplay
• Low input lag reduces time delay between devices to monitor

Immersive visuals
• Curved display design for more immersive experience
• Crystalclear images with Quad HD 2560 x 1440 pixels
• DisplayHDR 400 for more lifelike and outstanding visuals
• VA display delivers awesome images with wide viewing angles

Features designed for gamers needs
• LowBlue mode and Flicker-free easy-on-the eyes viewing
• Tilt, swivel and height-adjust for an ideal viewing position
• SmartImage game mode optimized for gamers
• EasySelect menu toggle key for quick on-screen menu access

iF DESIGN AWARD 2023

reddot winner 2023

EVNIA | PHILIPS
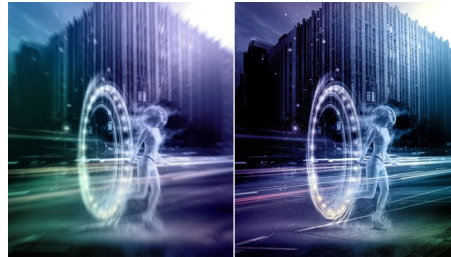
Highlights

AMD FreeSync™ Premium Pro

Gaming shouldn't be a choice between choppy gameplay or broken frames. AMD FreeSync™ Premium Pro provides the true HDR gaming experience: a combination of smooth gaming at peak performance, and exceptional high dynamic range visuals while still maintaining low latency.

Ultra-fast 240 Hz refresh rate

While playing the most intense engaging action-oriented games, ultra-fast 240 Hz refresh rate enhances an ultra-smooth, lag-free gaming experience. This Philips display redraws the screen image up-to 240 times per second, effectively faster than a standard display. Especially for fast-paced games like FPS and racing games, 240 Hz gives a superior motion and clarity visuals. With Philips 240 Hz display, action sequences in gameplay look judder-free and ghost-free. You will experience deeper immersion and feeling alive in game.

0.5 ms MPRT fast response

Philips Momentum display with 0.5 ms MPRT effectively eliminates smearing and motion blur, delivers shaper and precise visuals to enhance gaming experience. Fast-moving action and dramatic transitions will be rendered smoothly. Best choice for playing thrilling and twitch-sensitive games.

Crystalclear images

These 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 USB-C, Displayport, HDMI, 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.

DisplayHDR 400

VESA-certified DisplayHDR 400 delivers a significant step-up from normal SDR displays. Unlike, other 'HDR compatible' screens, true DisplayHDR 400 produces astonishing brightness, contrast and colors. With global dimming and peak brightness up-to 400 nits, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.

Curved display design

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

Specifications

Picture/Display
- LCD panel type: VA LCD
- 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 392.256 (V)
- Aspect ratio: 16:9
- Maximum resolution: HDMI: 2560 x 1440 @ 144 Hz, DP: 2560 x 1440 @ 240 Hz*
- Pixel Density: 93.24 PPI
- Response time (typical): 0.5 ms (Gray to Gray)*
- MPRT: 0.5 ms
- Low Input Lag
- Brightness: 500 cd/m²
- SmartContrast: Mega Infinity DCR
- Contrast ratio (typical): 4000:1
- Pixel pitch: 0.2724 x 0.2724 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- HDR: DisplayHDR 400 certified
- Picture enhancement: SmartImage game
- Display colors: 16.7 M (8 bit)
- Scanning Frequency: HDMI: 30 - 230 kHz (H) / 48 - 144 Hz (V), DP: 30 - 255 kHz (H) / 48 - 240 Hz* (V)
- SmartUniformity: 93 ~ 105%
- Delta E: < 2 (sRGB)
- LowBlue Mode
- EasyRead
- sRGB
- Color gamut (min.): DCI-P3 92%*
- Color gamut (typical): NTSC 100%*, sRGB 122%*
- AMD FreeSync™ technology: Premium Pro

Connectivity
- Signal Input: HDMI 2.0 x 2, DisplayPort 1.4 x 2
- HDCP: HDCP 1.4 (HDMI / DP), HDCP 2.2 (HDMI / DP)
- USB Hub: USB 3.2, 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
- 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)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7
- MultiView: 2x devices, PIP/PBP mode

Stand
- Height adjustment: 130 mm
- Swivel: -/+ 30 degree degree
- Tilt: -5/20 degree

Power
- On mode: 39.36 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: Internal, 100-240VAC, 50-60Hz
- Energy Label Class: F

Dimensions
- Product with stand(max height): 700 x 601 x 320 mm
- Product without stand (mm): 700 x 426 x 131 mm
- Packaging in mm (WxHxD): 900 x 527 x 226 mm

Weight
- Product with stand (kg): 8.35 kg
- Product without stand (kg): 6.5 kg
- Product with packaging (kg): 11.14 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- 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, CCC, CECP, CEL

Cabinet
- Color: Dark Slate
- Finish: Textured

What's in the box?
- Cables: HDMI cable, DisplayPort cable, USB upstream cable, Power cable
- Monitor with stand
- User Documentation

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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 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
* DCI-P3 Coverage based on CIE1976
* The monitor may look different from feature images.
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