

PHILIPS

EVNIA



QD OLED gaming
monitor

4K UHD gaming monitor

Evnia 6000

32 (31.5"/80 cm diag.)

3840 x 2160 (4K UHD)



32M2N6901A

Your gaming experience to the utmost

Experience breathtaking gameplay with this monitor's QD-OLED panel, 4K UHD resolution and DisplayHDR TrueBlack 400 certification. With USB-C connectivity, you're ready to connect and play across your entire setup.

Features designed for gamers' needs

- Protects and cools for lasting colour clarity
- AI-enhanced Ambiglow: for intensified entertainment
- Evnia Precision Centre: Maximise Your Gaming Experience
- Built-in stereo speakers for multimedia
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Access and display multiple sources on two devices
- Enhanced audio with DTS Sound™

Built for fast action

- 165 Hz refresh rates for ultra-smooth, brilliant images

Immersive visuals

- QD OLED for superior colours and vibrant visuals
- Ultra Wide-Color wider range of colours for a vivid picture
- UltraClear 4K UHD (3840 x 2160) resolution for precision
- DisplayHDR™ True Black 400 delivers incredible shadow details

4K UHD gaming monitor

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32M2N6901A/00

Highlights

165 Hz Gaming



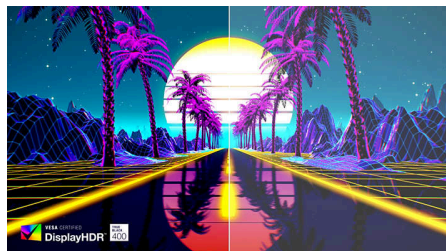
You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up to 165 times per second, effectively faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making 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

UltraClear 4K UHD resolution



These Philips displays utilise high-performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are a demanding professional requiring extremely detailed images for CAD solutions, a user of 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

DisplayHDR™ True Black 400



This Philips monitor is certified with VESA DisplayHDR™ True Black 400, delivering stunningly accurate shadow details with deeper blacks for a remarkable visual experience compared with conventional monitors of the same peak luminance. This Philips monitor comes with several HDR modes, each optimised for your usage scenarios: HDR Game, HDR Movie, HDR Photo and VESA DisplayHDR-certified level.

Ultra Wide-Color Technology



Ultra Wide-Color Technology delivers a wider spectrum of colours for a more brilliant picture. The Ultra Wide-Color wider "colour gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring media entertainment, images and even productivity more alive with vivid colours from Ultra Wide-Color Technology.

QD OLED technology



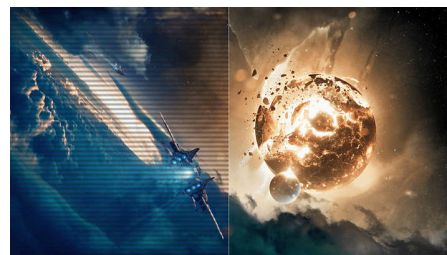
QD-OLED represents a hybrid approach that marries OLED panels and quantum dot technology. By combining what's best of both, QD-OLED guarantees high contrast, deep blacks and unlimited viewing angles, with higher peak brightness and more vibrant colours.

MultiView and built-in KVM



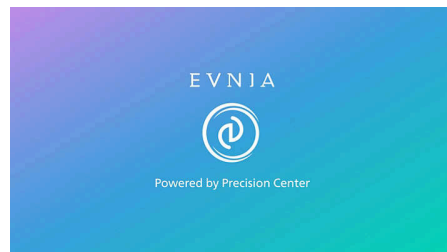
Control and switch between two devices through a single keyboard and mouse with the built-in KVM. MultiView lets you survey both sources simultaneously on one screen. With these features, you can reduce cable clutter and save valuable time. Perfect for streamers with two PCs, content creators or when prepping devices for a LAN event.

LowBlue mode and Flicker-free



Our LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.

Evnia Precision Centre



Evnia Precision Centre is an easy-to-use software designed to optimise and personalise your Evnia monitor. Whether you're a casual or competitive gamer, it offers a wide range of customisation options to match your unique gaming style. With intuitive controls and seamless navigation, Evnia Precision Centre gives you full control, providing everything you need to elevate your gaming to the next level — right at your fingertips.



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Highlights

Cooling shield



Prevent your QD-OLED display's true colours from fading over time. To increase the lifespan of your display, this monitor has an integrated graphene shield which keeps your display cool. The graphene preserves display integrity by evenly dispersing heat generated by the blue light emitted from your screen and cooling more effectively than graphite. For gamers, this means that you can play with confidence, knowing that the colours in your game will remain pixel perfect.

AI-enhanced Ambiglow



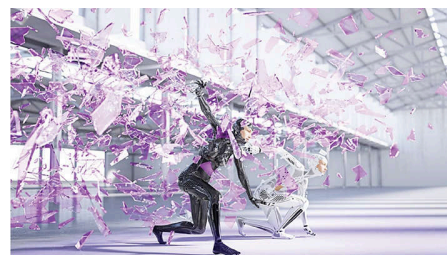
Our AI-enhanced processor analyses the incoming image content and continuously adapts the colour and brightness of the emitted light to match the image. This feature adds a new dimension to your viewing experience. The innovative Ambiglow uses its AI capabilities to create a truly immersive and customisable gaming experience. From filling your gaming room with colour to feeling like you are part of the game, the AI-enhanced Ambiglow is made to make your gaming experience the best it's ever been by combining intelligence, colour and light.

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.

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.



Built-in Speaker

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Specifications

Picture/Display

Panel Size: 31.5 inch/80 cm
Aspect ratio: 16:9
LCD panel type: QD OLED
Pixel pitch: 0.1814 x 0.1814 mm
Brightness: SDR: 250nits (APL 100%) HDR: 450nits (APL 10%) HDR E/P: 1000nits (APL 3%) cd/m²
Display colours: 1.07B (10 bits)
Colour gamut (typical): DCI-P3: 99%, sRGB: 100%, NTSC 125%, Adobe RGB 97.5%.*
Contrast ratio (typical): 1.5M:1
SmartContrast: Infinite
Response time (typical): 0.03 ms
Viewing angle: 178° (H)/178° (V), @ C/R > 10000
Picture enhancement: SmartImage game
Maximum resolution: HDMI: 3840 x 2160 @ 165 Hz; DP: 3840 x 2160 @ 165 Hz
Effective viewing area: 699.48 (H) x 394.73 (V)
Scanning Frequency: 30 kHz - 370 kHz (H)/48 - 165 Hz (V)
sRGB
Delta E: < 2 (sRGB)
Flicker-free
LowBlue Mode
Display Screen Coating: Anti-reflection, 2H
Low Input Lag
HDR: HDR True Black 400
Ambiglow: Ambiglow (3 sided)
Pixel format: RGB Q-Stripe*
Smart Crosshair
Stark ShadowBoost
Smart Sniper
Clear MR Tier: 9000
Shadow Boost
MultiView: 2 x devices
Low blue light: Low blue light compliance*
ClearMR Tier: 9000

Connectivity

Signal Input: HDMI 2.1 x 2, DP 2.1 x 1, HDCP 2.3
Sync Input: Separate Sync
Audio (In/Out): Headphone out
HDCP: HDCP 1.4 (HDMI/DisplayPort), HDCP 2.3 (HDMI/DisplayPort)
USB Hub: USB-B upstream x 1, USB-A downstream x 2 (1 for fast charge). USB-C downstream x 1 (PD 15 W)
MultiView

Power Delivery

Max power delivery: Up to 65 W, 5 V/3 A, 7 V/3 A, 9 V/3 A, 10 V/3 A, 12 V/3 A, 15 V/3 A, 20 V/3.25 A
Version: USB PD version 3.0

Convenience

Built-in Speakers: 5 W x 2
Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11/10
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), LowBlue Mode, FreeSync Premium Pro
MultiView
KVM
Low blue light
Ambiglow: Ambiglow 3-sided
Low blue light

Stand

Height adjustment: 130 mm
Swivel: +/- 25 degree
Tilt: -5/20 degree

Power

Power supply: Internal, 100–240 VAC, 50–60 Hz
Off mode: 0.3 W (typ.)
On mode: 117.6 W
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode - White (flashing)
Energy Label Class: G

Dimensions

Packaging in mm (W x H x D):
840 x 510 x 159 mm
Product without stand (mm): 717 x 419 x 70 mm
Product with stand (max height):
840 x 510 x 159 mm

Weight

Product with packaging (kg): 12,484 kg
Product with stand (kg): 8.770 kg
Product without stand (kg): 7.220 kg

Operating conditions

Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
Temperature range (operation): 0°C to 40 °C
MTBF: 30,000 hrs (Excluding backlight) hour(s)
Relative humidity: 20%-80 %
Temperature range (storage): -20°C to 60 °C

Sustainability

Environmental and energy: RoHS
Recyclable packaging material: 100 %
Post-consumer recycled plastics: 35%*
Post-consumer recycled plastics: 35%*
Recyclable packaging material: 100%

Compliance and standards

Regulatory Approvals: CB, CE Mark, FCC, ICES-003, TUV/ISO9241-307, TUV-BAUART, WEEE, UKCA

Cabinet

Colour: White
Finish: Textured

What's in the box?

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



* Active pixels: 3840 (H) x 2160 (V). Number of total pixels: 3856 (H) x 2176 (V); extra pixels on each side, space reserved for pixel orbiting.
* 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.
* Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976.
* The ratio of display emission light in the range from 415 - 455 nm to the display emission of 400 - 500 nm shall be less than 50%.
* This monitor strives for sustainability: the base cover and headphone holder are made with 35% recycled plastic.
* The monitor may look different from feature images.
* The products and accessories listed on this leaflet may differ by country and region.
* Active pixels: 3840(H) x 2160(V) Number of total pixels: 3856(H) x 2176(V); extra pixels on each side, space reserved for pixel orbiting.