

LG 45GX950A-B computer monitor 114.3 cm (45") 5120 x 2160 pixels WUHD OLED Black



Model: 45GX950A-B.AEU

Manufacturer: LG

EAN: 8806096436455

Product Code: 914443

R36,712

World's first 5K2K OLED

The world's first 45-inch 5K2K (5120x2160) OLED display provides a 34% wider view than standard 16:9 displays and a 33% increase in pixel count over UHD (3840x2160). This 5K2K OLED represents boldly more darker shadows, brigher lights and vibrant colours while gameplay in any environments.

The brightest OLED

Experience stunning visuals with LG WOLED. Built on LG's OLED leadership and featuring Micro Lens Array+ (MLA+) technology, it delivers up to 37.5% brighter SDR, optimizing light efficiency and minimizing loss. It represents a standard luminosity of 275 nits (APL 100%) and a peak brightness of

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1300 nits (APL 1.5%). With Delta E ≤ 2 colour accuracy, it ensures vivid, true-to-life colours for immersive, precise gaming even in bright environments.

Step into the 21:9 sweet spot for gaming

No more fisheye experience to take in both sides of the 49-inch 32:9 ratio display at a glance. The 45-inch 21:9 curved OLED monitor offers a 12% larger viewing area** and this balanced, optimized ratio creates immersive and captivating gameplay. Once you experience the 45-inch 21:9 sweet spot, you'll never go back to shorter.

The ideal curvature 800R

Immerse in the 800R curve designed to match natural sight, placing you at the core of its curvature. Dive into vivid, distortion-free graphics as you explore the gaming universe.

Deeper black, realistic colour

Experience unparalleled depth and vibrant realism with VESA DisplayHDR true black 400, delivering detailed black expression even in the darkest scenes. With a 1.5M contrast ratio, DCI-P3 98.5% (typical) colour gamut, and Delta E ≤ 2 colour accuracy ensures that colours are displayed with realistic detail, just as originally intended.

Advanced anti-glare technology certified by triple UL

LG WOLED's advanced anti-glare technology minimizes frustrating reflections and distractions, delivering crystal-clear gaming performance by maintaining consistent clarity in any lighting. Additionally, with Triple UL certification for reducing harmful blue light while preserving vivid colour tones and lifelike visuals, it provides visual comfort and a smoother gaming experience—whether you're gaming in bright environments or LED-lit rooms.

125 PPI, enhanced readability

Boasting 125 PPI (Pixels Per Inch) and an RGWB subpixel layout, it delivers a precise gaming experience, ensuring you catch every crucial detail. Plus, it also makes productivity tasks, like editing documents or website content, more readable.

Switch between 330Hz-165Hz with Dual-Mode

With VESA Certified Dual-Mode, seamlessly switch between WUHD 165Hz for graphically rich games and WFHD 330Hz for fast-paced action. Enjoy eight Dual-Mode options and easily choose your

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favorite screen size and aspect ratio (21:9, 16:9) through the On-Screen Display. Plus, you can easily switch between a physical hotkey or keyboard shortcut via LG Switch, optimizing gameplay across all genres.

0.03ms (GtG), incredible speed

Experience lightning-fast 0.03ms (GtG) response time, minimizing ghosting for sharp, clear visuals. Stay ahead in every game with unmatched speed and smooth motion.

The latest DP 2.1 for blazing fast gameplay

Enhance your gaming and productivity with the new DisplayPort 2.1, delivers 165Hz high-speed gaming at 5K2K resolution. The USB-C supports display, data transfer, and 90W device charging simultaneously, providing seamless laptop support all through a single cable. Enjoy faster and smoother performance for both work and play.

Certified with a widely adopted technology

Powered by AMD FreeSync™ Premium Pro, NVIDIA-validated G-SYNC® compatibility, and VESA AdaptiveSync™ certification, this monitor ensures tear-free, ultra-smooth visuals and low latency, delivering unmatched gaming precision and fluidity.

Immerse yourself in 10Wx2 Rich Bass

Experience rich bass-driven sound with 10W x 2 stereo speakers, enhancing your immersion. For a more personal experience, easily connect a headset via the 4-pole headphone out and enjoy realistic 3D audio with DTS Headphone:X. This is a crucial advantage for FPS games, where team communication and directional sound are essential during voice chat.

Protecting OLED via On-Screen Display

Through On-Screen Display, you adjust OLED brightness and enable protection settings to prevent afterimages or burn-in, allowing you to enjoy superior OLED picture quality for longer. Plus, gamers can also easily customize their gaming setup for optimal performance.

How to use On-Screen Display

Enjoy seamless access to your favorite features as you dive into gaming or searching! Let's find the joystick located in the center of your monitor. Press the joystick button to bring up main menu of the gaming GUI.

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Advanced gaming features

- Dynamic Action Sync reduces input lag for real-time response.
- Black Stabilizer brightens dark scenes, helping gamers spot enemies and details.
- Crosshair enhances precision for deadly accuracy.
- FPS Counter shows your real-time frame rate.

Clutter-free, sleek design

The clutter-free L-stand and sleek design are crafted to save desk space and minimize dead zones, making your setup clean and efficient. Experience hexagon lighting and a virtually borderless 4-sided design, paired with a fully adjustable base for swivel, tilt, and height adjustments.