

INNOCN Launches World's First 49-Inch Flat MiniLED Ultrawide Monitor: E49M1R

LOS ANGELES, CA, UNITED STATES, August 27, 2026 /EINPresswire.com/ -- INNOCN, a global leader in premium display innovation, today officially unveiled its latest breakthrough display product—the INNOCN [E49M1R](#). As the world's first 49-inch flat MiniLED ultrawide monitor, the E49M1R sets a new benchmark for high-productivity workstations, professional multi-tasking, financial trading, software engineering, security surveillance, and immersive gaming.

Unlike traditional curved ultrawide monitors, the flat 32:9 form factor of the E49M1R provides distortion-free, straight-line visual precision, making it an ideal choice for professionals who require seamless multi-window navigation and exact alignment across visual workflows.

Next-Generation MiniLED Display Performance

Powered by advanced MiniLED backlighting technology with 1,760 local dimming zones, the INNOCN E49M1R delivers unmatched contrast and brightness control. With a peak HDR brightness of 1000 cd/m² (450 cd/m² SDR) and a static contrast ratio of 3000:1, it renders deep blacks alongside radiant highlights.

Featuring a Dual QHD resolution of 5120x1440, the 49-inch screen effectively replaces dual 27-inch QHD monitors with a clean, single-cable setup. Professional content creators and designers will benefit from top-tier color accuracy with $\Delta E < 2$, 8-bit color depth (16.7 million colors), and wide color gamut coverage:

96% Adobe RGB



95% DCI-P3

100% sRGB

Versatile Applications: Beyond Gaming into High-Stakes Professional Workflows

While the E49M1R boasts competitive gaming specs—including a 165Hz refresh rate, 1ms response time, and Adaptive-Sync technology—its flat 32:9 expanse opens unprecedented capabilities for commercial and enterprise scenarios:

1. Financial Trading & Data Analysis:

Financial analysts and traders can view complex multi-chart layouts, live market feeds, and data spreadsheets simultaneously without bezel interference.

2. Security & Surveillance Monitoring:

Security operators gain a centralized, ultra-wide dashboard to monitor multiple high-resolution IP camera feeds simultaneously with crystal-clear precision.

3. Software Development & Programming:

Developers can run code editors, terminal windows, API documentations, and live test environments side-by-side on a continuous, flat canvas.

4. Content Creation & Multi-Tasking:

Video editors, graphic designers, and office power users can utilize dedicated scenario modes (sRGB, DCI-P3) alongside hardware low-blue-light control and flicker-free backlighting to boost productivity during extended work hours.

Ergonomic Design & Connectivity Options

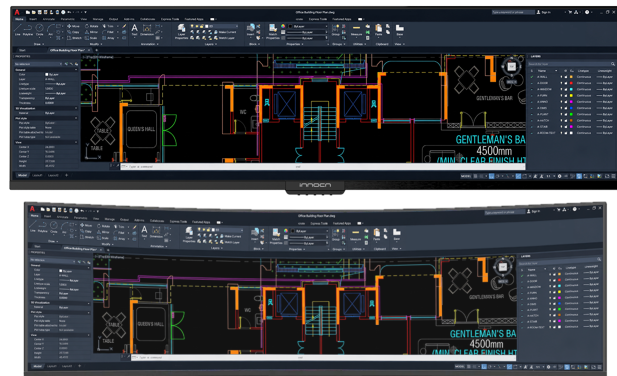
The E49M1R is engineered for maximum user comfort with a highly adjustable stand featuring



E49M1R MiniLed

Why Flat?

No edge distortion. No color shift.
Just straight, accurate pixels.



Zero Distortion



Uniform Edge Color



Wall-Mount Friendly



Seamless Tiling

Why Flat?

tilt (-5° to 15°), swivel (15° left/right), and height adjustment (up to 120mm).

For seamless integration into modern desktop setups, it includes dual HDMI 2.0, dual DisplayPort 1.4, a 3.5mm audio output, three USB hub ports, and built-in 4Ω 5W Dual Speakers.

Key Specifications Overview (INNOCN E49M1R):

Screen Size & Panel: 49-inch Flat VA Panel (32:9 Aspect Ratio)

Backlight Tech: MiniLED (1,760 Dimming Zones)

Resolution: 5120 x 1440 (Dual QHD)

Refresh Rate & Response: 165Hz / 1ms

Color Accuracy & Gamut: $\Delta E < 2$ / 96% Adobe RGB / 95% DCI-P3 / 100% sRGB
Brightness: Peak 1000 cd/m² (HDR) / 450 cd/m² (SDR)

Connectivity: HDMI 2.0 * 2, DP 1.4 * 2, USB * 3, 3.5mm Audio Out

Audio: Built-in Speakers (4Ω 5W * 2)

□

Availability

The INNOCN E49M1R monitor is now available for order across major online retail channels globally. For more information regarding pricing and specs, please visit the official INNOCN platform.

About INNOCN

INNOCN (Innovation China) is an industry-leading display brand dedicated to developing high-performance monitors, portable displays, and professional color-accurate solutions. By incorporating cutting-edge MiniLED and high-refresh-rate technologies, INNOCN empowers creators, gamers, and enterprise professionals around the globe.



Precise True Colors



Connect & View All

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