

INNOCN Unveils CB27U1: The Ultimate 4K 120Hz Professional Monitor Tailored for Next-Generation Designers and Creators

LOS ANGELES, FL, UNITED STATES, July 6, 2026 /EINPresswire.com/ -- INNOCN, a global pioneer in premium display technology, today announced the launch of its latest flagship professional monitor, the INNOCN [CB27U1](#). Engineered specifically to meet the rigorous demands of modern graphic designers, video editors, 3D animators, and digital artists, the CB27U1 bridges the gap between hyper-accurate color fidelity and ultra-smooth productivity by pairing a 4K UHD panel with an advanced 120Hz refresh rate.

As digital media trends shift toward higher resolutions and dynamic multi-platform workflows, creative professionals require display solutions that eliminate visual guesswork. The

INNOCN CB27U1 serves as a major upgrade for studio environments, offering meticulous factory calibration and an innovative suite of built-in hardware features optimized for design efficiency.

Uncompromising Color Precision for Professional Workflows

At the heart of the CB27U1 is its industry-leading color performance. Each unit undergoes a strict factory calibration process to ensure a color accuracy rating of $\Delta E < 1$, providing true-to-life color reproduction that meets absolute printing and broadcasting standards.

Designed to satisfy diverse professional grading spectrums, the monitor boasts a wide color gamut covering 99% Adobe RGB, 99% DCI-P3, and 100% sRGB. This comprehensive wide-gamut performance allows photographers and cinema editors to manipulate raw images and HDR footage with absolute confidence, ensuring consistent output across different end-user mediums.



Smooth 120Hz Fluidity Meets 4K Ultra-HD Resolution

Unlike traditional 60Hz content-creation monitors, the CB27U1 features a high 120Hz refresh rate laid over its crisp 3840x2160 (4K UHD) resolution. This pairing delivers a buttery-smooth creation experience, eliminating UI stutter and motion blur when scrolling through heavy design timelines, scrubbing high-frame-rate videos, or maneuvering intricate 3D modeling meshes. The vast 4K canvas offers up to 41% more viewable surface area compared to traditional 27-inch 2K monitors, allowing creators to keep multiple panels, toolbars, and preview windows open simultaneously without compromising fine detail.

Intelligent Design Architecture and Workspace Synergy

To seamlessly integrate into a modern creator's hardware ecosystem, the CB27U1 is equipped with a premium 90W Type-C reverse power delivery port. With a single-cable connection, users can transmit high-speed 4K data, video signals, and fast-charge a high-performance laptop or MacBook concurrently, stripping clutter from the desktop.

Furthermore, the monitor is tailored for extended studio sessions. It includes a Smart Ambient Light Sensor that automatically catches environmental changes and updates screen brightness via internal algorithmic fine-tuning to maximize eye comfort. This is paired with hardware-level Low Blue Light technology and DC dimming to protect visual health during overnight editing blocks.

Practical Auxiliary Design Tools

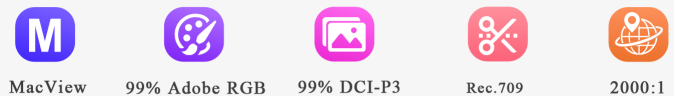
1: 1. Real size ratio, easily solve composition size problems



Design Tools

Ideal Display Suitable for Creation

DeltaE < 1 Color Accuracy of Each Pixel



For creation

Built-in Productivity Tools for Elite Creators

The CB27U1 stands out with its dedicated Art Series Professional OSD Menu and PC TOOL desktop control software, allowing creators to map color profiles to specific software applications automatically and fine-tune parameters without pressing physical keys. Additional workflow enhancements include:

- PIP/PBP (Picture-in-Picture / Picture-by-Picture) Split-Screen: Supports dual-channel video inputs, enabling multi-tasking across two different computers (e.g., Mac and PC side-by-side) with zero signal interference.

- 14 Productivity Assistant Functions: Built-in digital rulers, alignment grids, and workspace overlays optimized for specialized design layout planning.
- Fully Ergonomic Stand: Advanced mechanical engineering allows smooth lifting, tilting, and axis adjustments to secure the perfect ergonomic viewing angle.

Key Specifications of the INNOCN CB27U1:

Panel Type: Wide Viewing Angle IPS Technology (178°)

Resolution: 4K UHD (3840 * 2160)

Refresh Rate: 120Hz

Color Accuracy: Factory Calibrated $\Delta E < 1$

Color Space Coverage: 99% Adobe RGB, 99% DCI-P3, 100% sRGB

Dynamic Range: VESA DisplayHDR 400 Certified

Connectivity: 90W Type-C Reverse Charging, HDMI 2.0, DisplayPort

Smart Features: Automatic Ambient Light Dimming, Hardware Low Blue Light, PIP/PBP Screen

Vivid and Delicate Image Representation

4K 120Hz with HDR500 Brightness



4K 120Hz

Abundant Connectivity

Easily charge and connect your macbook with one full functional USB-C cable and reduces cable clutter, keeps your desk tidy



A	B	C	D	E
HDMI 2.1*2	DP 1.4	Type-C 90W	DC Power In	Type-C

90W-USB-C

Splitting

□

Availability and Pricing

The INNOCN CB27U1 Professional Design Monitor will be available for purchase starting this month through official INNOCN distribution channels, Amazon, and selected consumer electronics retailers worldwide. For regional pricing, promotional offers, or to request a media review unit, please visit the official website or contact our PR department.

About INNOCN

INNOCN is a global leader in high-performance display solutions, dedicated to pushing the boundaries of monitor aesthetics, color engineering, and panel mechanics. With a core focus on advanced screen technologies—including Mini-LED, OLED, and high-refresh-rate professional displays—INNOCN empowers content creators, professionals, and elite gamers worldwide to see their work in the best possible light.

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