Powering Immersive Visuals with 4K Quad-Display Output

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When Performance Meets Expertise: The Experience Revolution in Digital Signage is Quietly Unfolding

Behind the dynamic promotional screens in retail stores, intelligent guidance systems at transportation hubs, and immersive video walls in hotel lobbies, digital signage has become the "visual nerve center" of modern business. As enterprises increasingly demand ultra-high-definition visuals, multi-screen synchronization, and real-time responsiveness, the newly launched K115D5 digital signage player from JWIPC, driven by the 12th Gen Intel® Core™ processor at its core, is redefining professional-grade digital signage solutions. This is not just a perfect hardware fit; it represents a deep resonance between technological philosophy and industry needs.

12th Gen Intel® Core™ Processor: The "Performance Heart" of 4K Quad-Screen Output

Choosing Intel as a core partner stems from its absolute advantage in embedded computing and graphics processing. The K115D5 is powered by a 12th Gen Intel® Core™ i5 processor, which adopts an innovative hybrid architecture design that intelligently combines Performance-cores (P-cores) with Efficient-cores (E-cores). This allows for precise allocation of multi-task loads, ensuring smooth 4K video decoding while efficiently handling background management tasks. Its integrated Intel® Iris® X^e graphics natively supports four-channel 4K@60Hz HDR output, achieving seamless video wall effects with color accuracy and dynamic fluidity far exceeding the industry average. For high-frequency content update scenarios such as retail and transportation, this means richer dynamic content without worrying about lag or delay, ensuring every visual communication is precise and efficient.

From Single Device to Full Ecosystem: Building a Complete Solution

The core competitiveness of the JWIPC K115D5 extends far beyond a single high-performance player—it lies in the complete "Hardware + Software + Edge Services" ecosystem built on Intel technology. Relying on a content management platform server and a content publishing platform, the player ultimately enables the display of richer content, providing enterprises with dynamic and engaging content presentation solutions. Whether in food & beverage, retail, or corporate environments, users can easily upload, create, and manage multi-screen content. Its intuitive interface supports seamless content scheduling, playlist creation, and template customization, offering a hassle-free user experience for people of all technical skill levels.
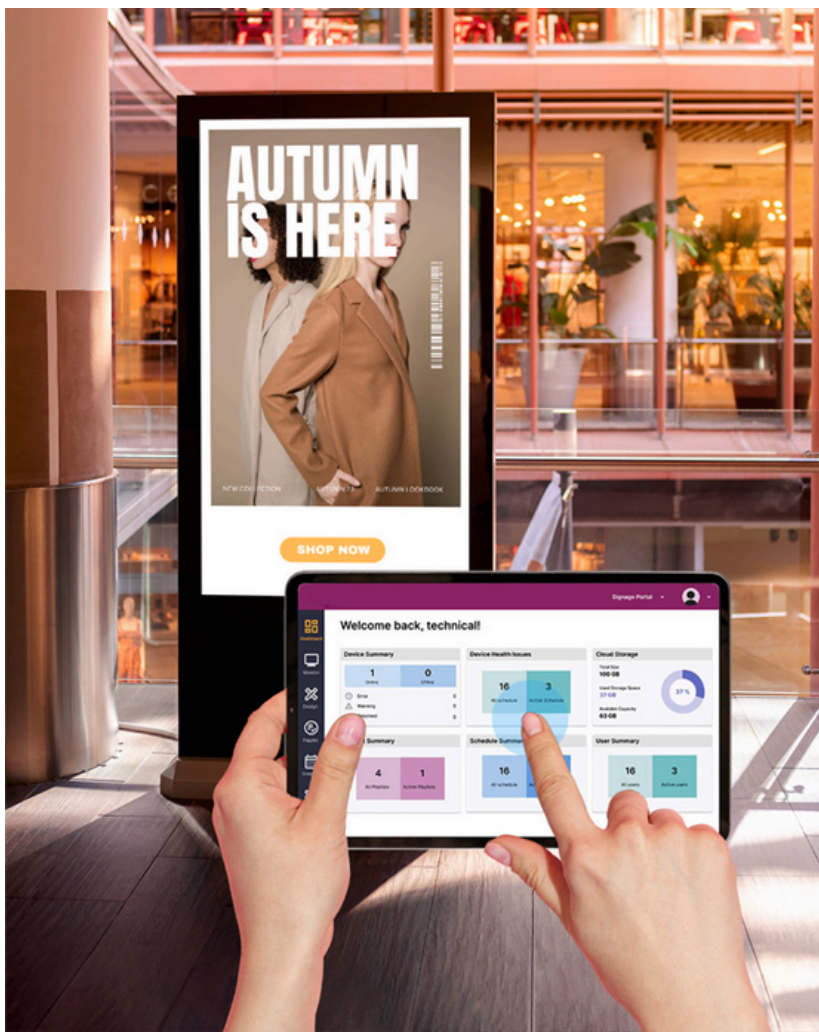
Coupled with edge computing power, we can not only achieve the above but also enable intelligent store management and provide customized services for stores, rapidly enhancing your brand building and marketing efficiency.

Industry Empowerment: From Visual Impact to Efficiency Revolution

In the retail industry, the K115D5's quad-screen splicing capability can create immersive product display walls. Combined with the support of Intel's high-bandwidth DDR5 memory, it enables rapid loading and switching of massive SKU information, helping stores improve customer conversion rates. At transportation hubs, its ultra-slim design allows for seamless integration into various terminals. Its 4K HD guidance and real-time traffic update functions make information acquisition more intuitive and efficient for travelers. In hotel scenarios, multi-screen synchronized video walls and interactive signage can elevate the lobby ambiance while reducing operational costs through remote management features.

The realization of these application scenarios is the best testament to JWIPC and Intel's "technology synergy and value co-creation." Intel provides not only hardware computing power but also full-stack technical support ranging from graphics processing and network connectivity to edge intelligence. JWIPC, in turn, translates these technologies into product forms tailored to industry needs. Through deep collaboration with ecosystem partners, it accelerates the large-scale application of digital signage across various fields. This model of "technology empowerment + ecosystem co-construction" not only strengthens JWIPC's brand professionalism but also injects strong momentum into channel sales conversion.

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