

Digital Signage Media Player with Android 13

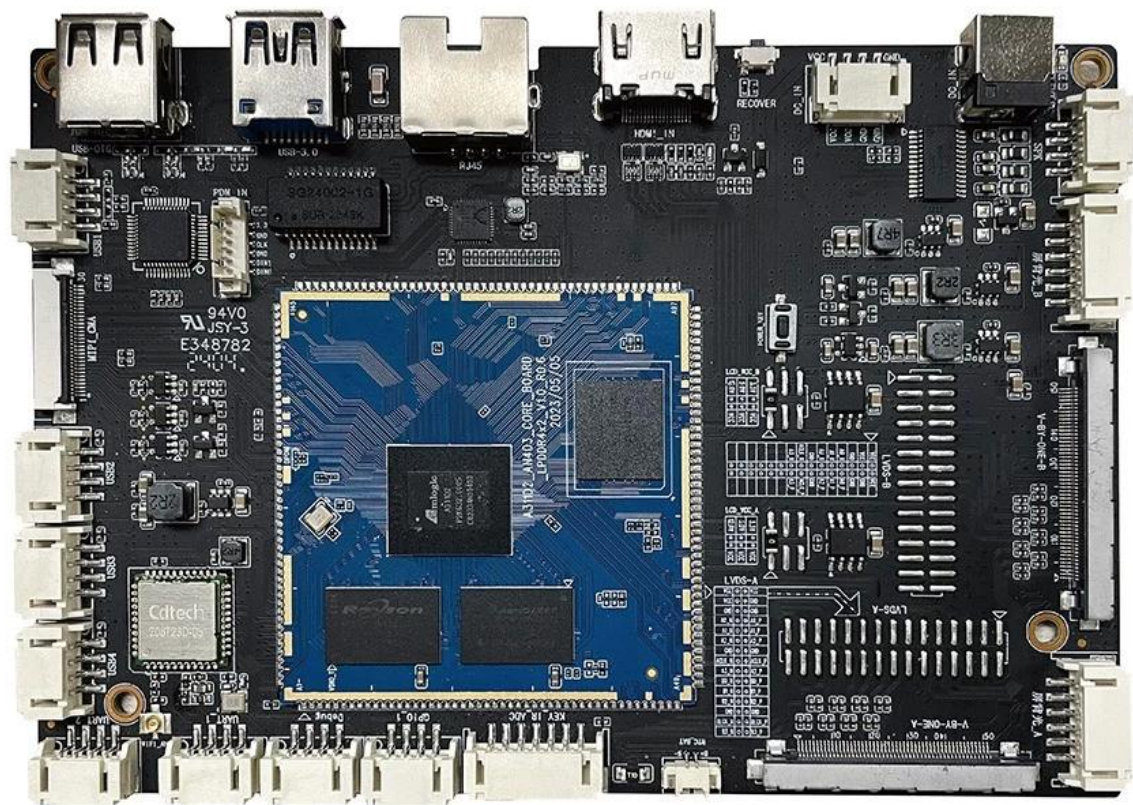
4GB RAM 4K

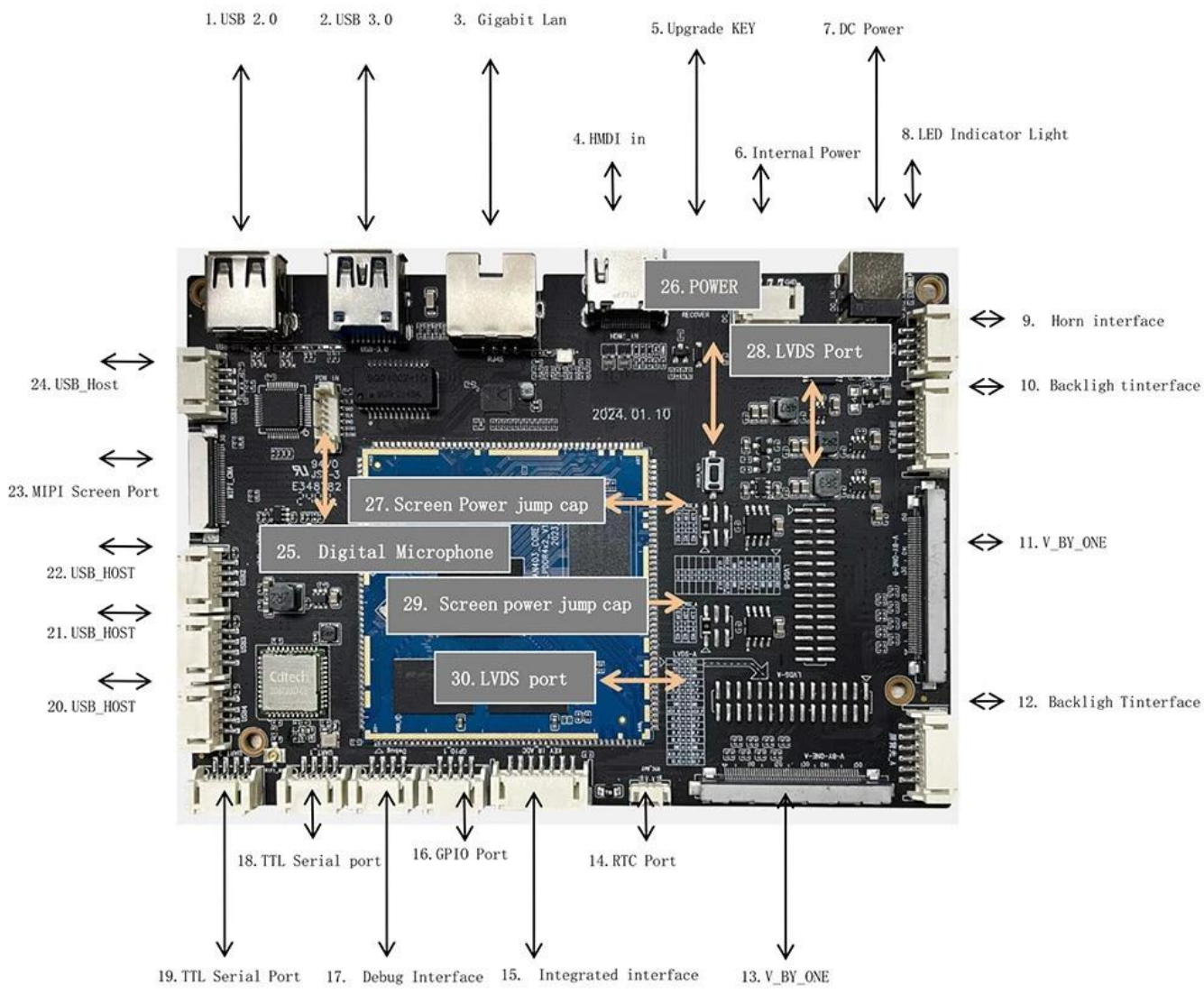
Specifications

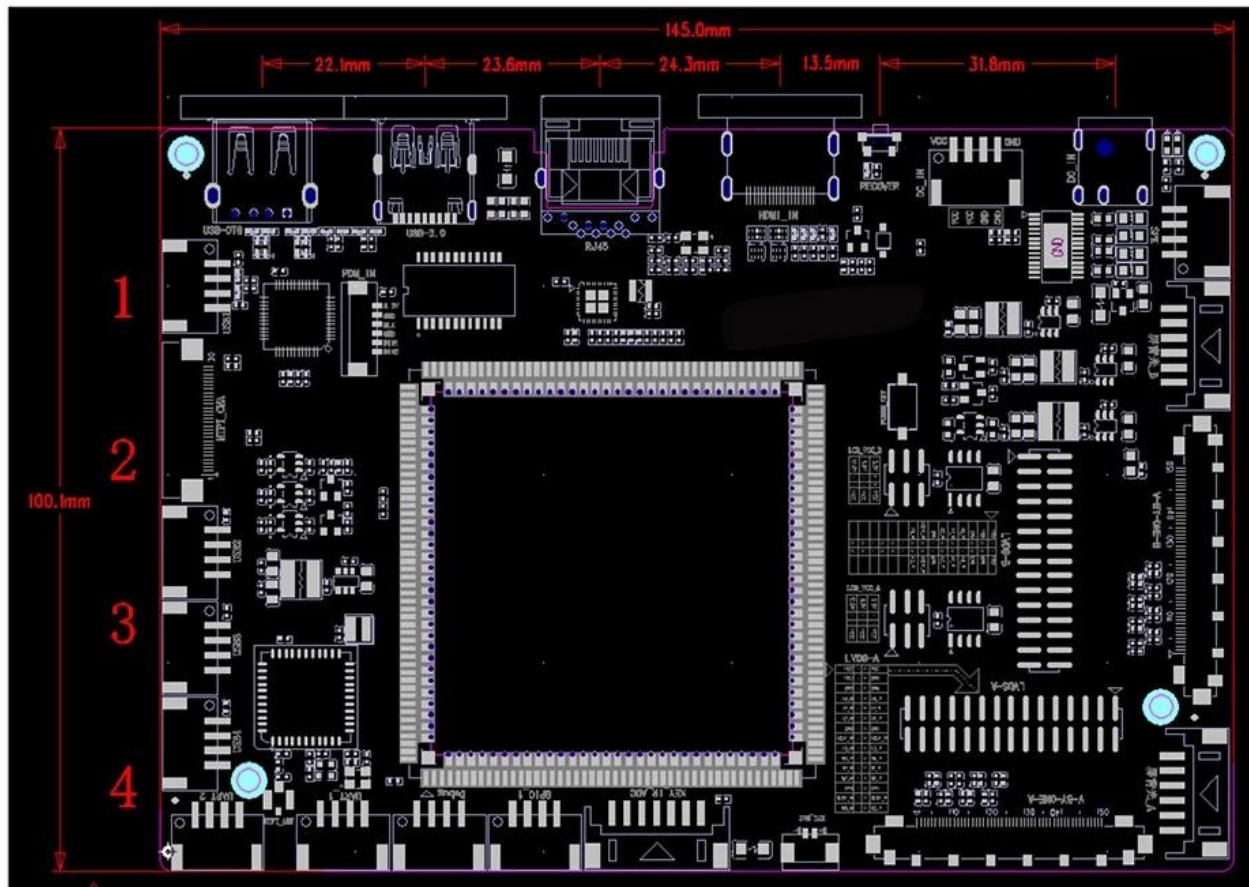
Model No.	Amlogic A311D2 Digital Signage Media Player
CPU	Amlogic A311D2 Quad Core ARM Cortex-A73+ Quad Core Cortex-a53 Main Frequency up to 2.0GHz
GPU	ARM Mali-G52 MC4 (2EE), OpenGL ES 3.2, Vulkan 1.1 and OpenCL 2.0
RAM	4GB (LPDDR4)
ROM	8GB (16GB/32GB/64GB Optional, Maximum 128G)
OS	Android 13
Wi-Fi / BT	2.4G WiFi, BT5.2

I/O Port

HDMI In	Support HDMI 2.1 3840*2160@60Hz in
LVDS A output	Supports LCD Cropping Screens of Various Sizes and Resolutions, with a Resolution of 1280*800 (Screen Power Supply: 12V/5V/3.3V)
LVDS B output	Supports LCD Cropping Screens of Various Sizes and Resolutions, with a Resolution of 2560*1600 (Screen Power Supply: 12V/5V/3.3V)
V-BY-ONE A/Bway out	Supports LCD Cropping Screens of Various Sizes and Resolutions, with a Resolution of 2560*1600 (Screen Power Supply: 12V/5V/3.3V)
Audio and Video Output	Left and Right Channel Output, Built-in Dual 8Ω/9W Power Amplifiers
RTC Real-time Clock	Timer Power On/Off
	2*Simulated MIC Input
	1*USB OTG
	1*USB 3.0
	4*USB
Output Interface	2*TTL Available Serial Ports
	2*12V Power Interface (DC Socket and 4PIN_2.0 Spacing Socket)
	1*RTC Power Interface
	Gigabit Adaptive Ethernet Port
	2*Backlight Interface
	1*Integrated Interface (1*On/Off Button 2*ADC key/LED/IR_IN Port)
Upgrade	Support Local USB Upgrade
Size	145mm*100mm







Amlogic A311D2 Digital Signage belongs to the Android smart motherboard and is generally suitable for smart display terminal products, video terminal products, industrial automation terminal products, and is generally suitable for advertising machines, digital signage, intelligent self-service terminals, intelligent retail terminals, O2O smart devices, industrial control hosts, educational equipment, robot devices, etc.

Amlogic A311D2 Digital Signage motherboard A311D2 Quad core ARM cortex-A73+ Quad core Cortex-a53 with advanced 12nm process technology, high-performance, low-power, and high-speed cache application processor. The GPU is supported by ARM Mali-G52 MC4 (2EE), OpenGL ES 3.2, Vulkan 1.1 and OpenCL 2.0. The motherboard is equipped with the Android 13 system, with a main frequency of up to 2.0GHz and excellent performance.

Product features

- *Specially designed for self-service terminals, standard board type, suitable for various structures.
- *The onboard standard HDMI in interface, double LVDS, double EDP, and double V_BY_ONE

interfaces ,Independent dual backlight, supporting 4K dual screen display and support a maximum decoding LCD display of 3840x2160, and support cropping screens of various sizes and resolutions.

- *Supports wired networks 1000M and WiFi/Bluetooth modules.
- *Rich expansion interfaces:6-way USB interface (1-way otg2.0,1-way USB 3.0, 4-way reserved interfaces,2-way standard USB, Multi-way GPIO interface etc., can meet the access requirements of various peripherals in the market.
- *Support Android system customization, provide system call API reference code, and perfectly support the development of upper level application apps for customers.
- *Perfect support for various mainstream touch screens such as infrared, optical, capacitive, resistive, and touch film.
- *Easy to operate and maintain.

Digital Signage Media Player with Android 13: Redefining 4K Visual Communication

As businesses strive to deliver engaging and impactful messages to their audiences, the **Digital Signage Media Player with Android 13** emerges as a revolutionary tool for stunning visual communication. Designed for high performance, reliability, and ease of use, this media player offers unparalleled solutions for a variety of digital signage applications.

Powerful Hardware for Smooth Performance

At the heart of this media player is its 4GB RAM, ensuring smooth multitasking and quick response times, even when running resource-intensive applications. This robust hardware supports seamless playback of 4K Ultra HD content, delivering crisp, vibrant, and detailed visuals that captivate audiences.

Cutting-Edge Android 13 Operating System

Powered by the latest Android 13 OS, this media player provides an intuitive and user-friendly interface. Its compatibility with a wide range of apps ensures businesses can easily customize and manage content, from advertisements and announcements to interactive displays. Android 13 also brings enhanced security features, ensuring reliable operation in any environment.

Flexible Connectivity for Easy Integration

This media player supports multiple connectivity options, including HDMI, USB, Wi-Fi, and Ethernet, making it compatible with a wide range of displays and systems. Its plug-and-play functionality simplifies installation, whether for wall-mounted screens, freestanding kiosks, or video walls.

Applications Across Industries

The versatility of this media player makes it ideal for various sectors:

1. **Retail:** Showcase product promotions, dynamic advertisements, and in-store experiences.
2. **Corporate:** Streamline internal communications through impactful informational displays.
3. **Education:** Enhance learning environments with interactive content and campus announcements.
4. **Public Spaces:** Deliver real-time updates on schedules, events, or public notices.

Compact and Energy-Efficient Design

Despite its powerful capabilities, this media player boasts a compact form factor, allowing for discreet installation in space-limited setups. Additionally, its energy-efficient design ensures minimal operational costs, aligning with modern sustainability goals.

Interactive and Engaging Displays

Supporting interactive features, this media player empowers businesses to deliver engaging touch-screen experiences, enhancing audience interaction and retention. Whether for wayfinding, product selection, or informational kiosks, this feature transforms passive screens into dynamic communication platforms.

Reliable and Future-Ready

Built with durability in mind, the Digital Signage Media Player is designed for 24/7 operation, making it reliable for demanding use cases. With regular updates and advanced features, it's a future-ready solution for evolving digital signage needs.

Conclusion

For businesses seeking to captivate audiences with stunning visuals and impactful messages, the [**Digital Signage Media Player with Android 13**](#) offers the perfect combination of performance, flexibility, and reliability. Its 4K Ultra HD capabilities, user-friendly Android 13 OS, and robust connectivity options make it the ultimate tool for modern digital signage.