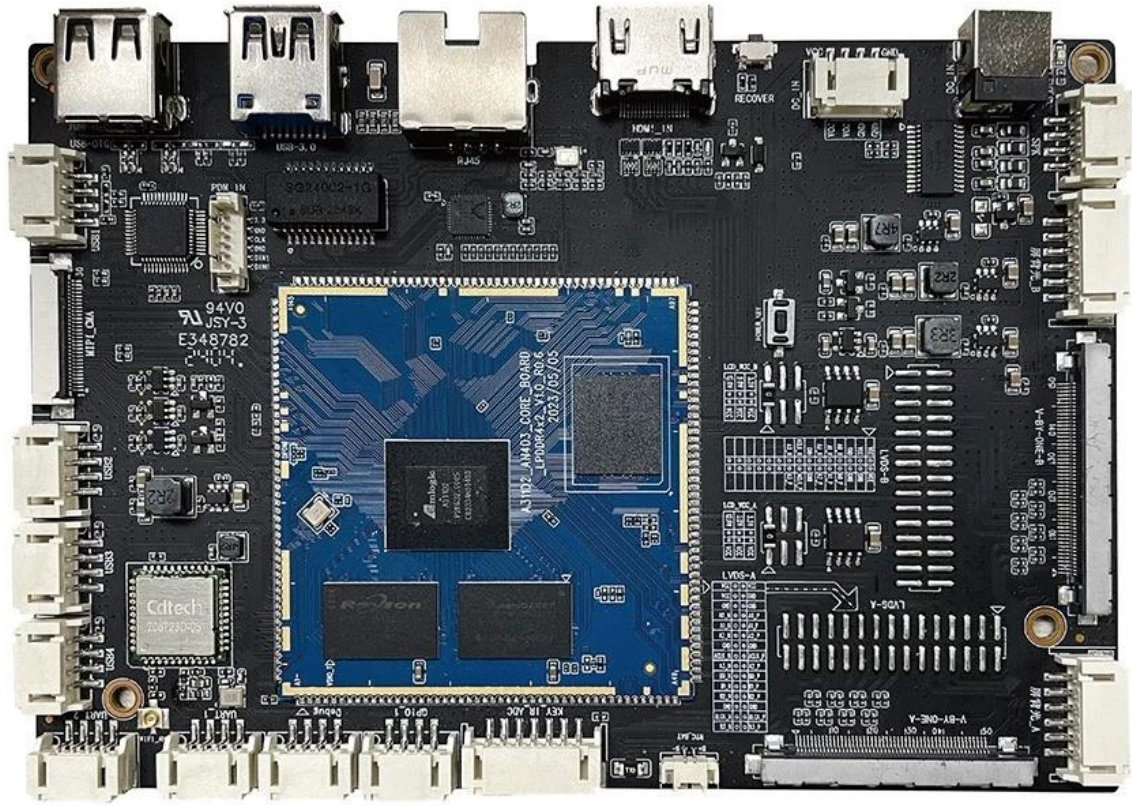
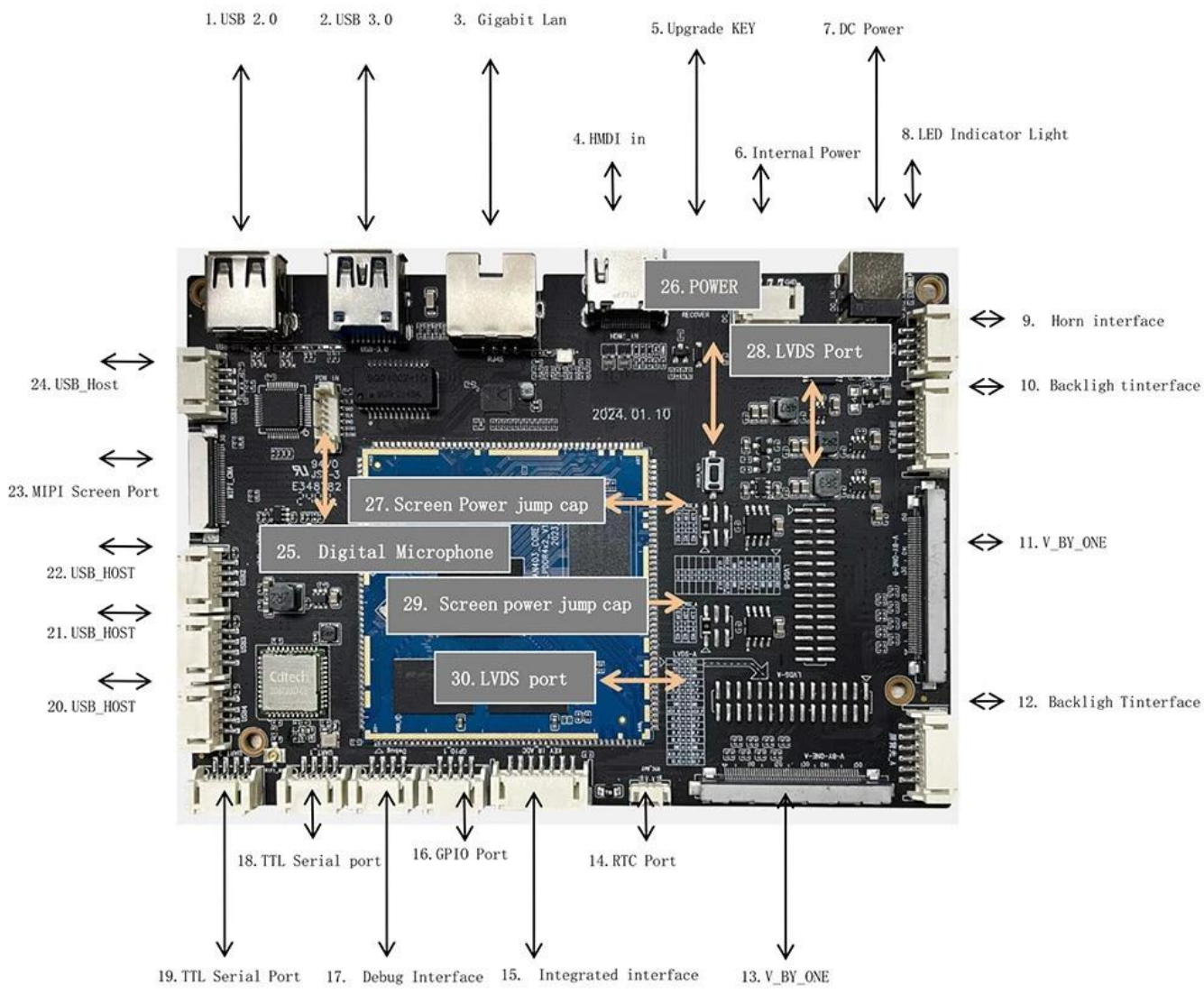
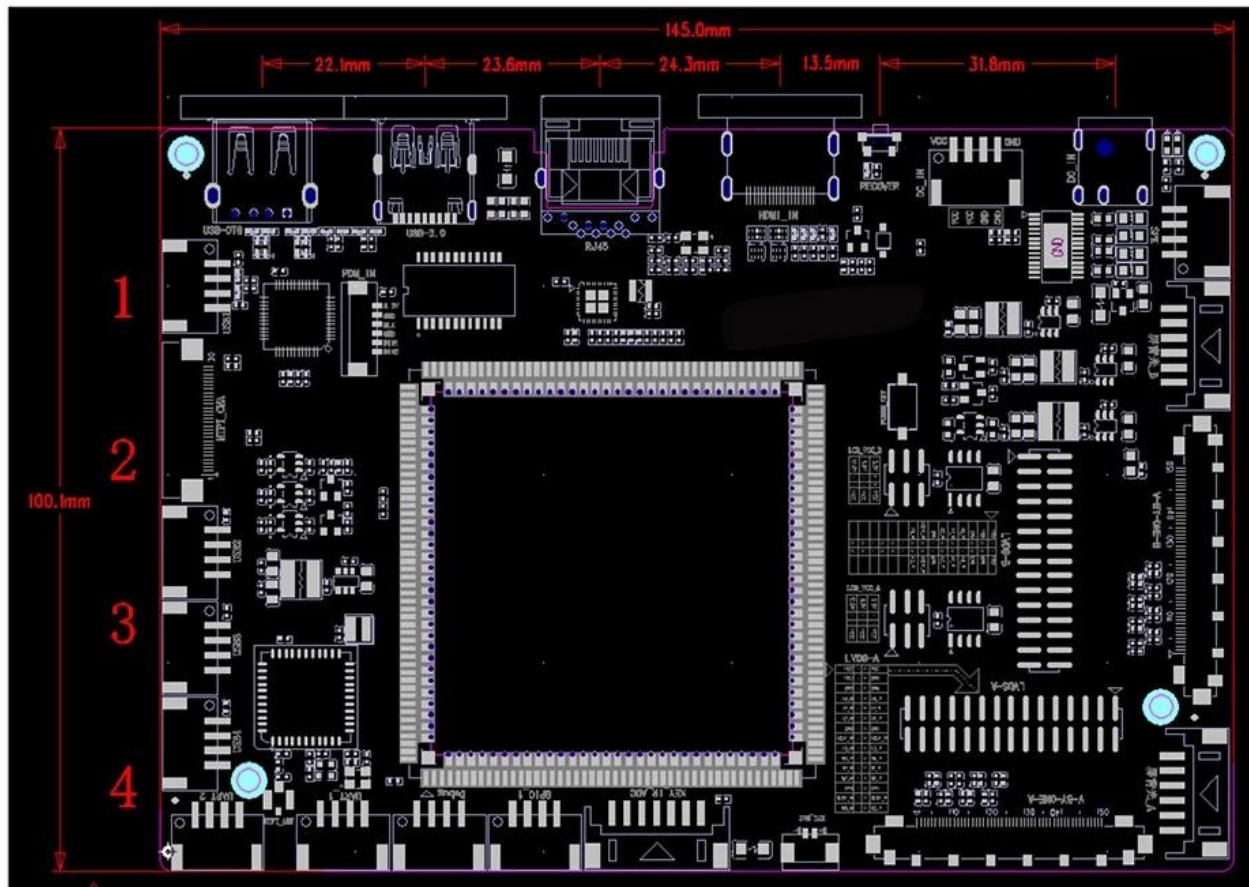


Smart Android Digital Signage Player for Commercial Digital Displays

| Specifications | |
|---------------------------|---|
| Model No. | Amlogic A311D2 Smart Android Digital Signage Player |
| CPU | Amlogic A311D2 Quad Core ARM Cortex-A73+ Quad Core Cortex-a53 Main Frequency up to2.0GHz |
| 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, Maximum128G) |
| 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 |
| Output Interface | 2*Simulated MIC Input |
| | 1*USB OTG |
| | 1*USB 3.0 |
| | 4*USB |
| | 2*TTL Available Serial Ports |
| Upgrade Size | 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) |
| Support Local USB Upgrade | |
| 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.

The **Smart Android Digital Signage Player for Commercial Digital Displays** is a state-of-the-art solution tailored to meet the advertising and operational needs of modern businesses. Combining the power of the Android operating system with advanced hardware and intuitive features, this signage player revolutionizes content management and enhances customer engagement across diverse commercial environments.

Powerful Android OS for Seamless Operation

At the heart of this digital signage player is the **Android operating system**, known for its stability, versatility, and ease of use. The platform supports a wide range of media formats, ensuring smooth playback of high-definition videos, dynamic graphics, and interactive content. Its compatibility with various applications and content management systems (CMS) makes it a versatile solution for businesses.

High-Definition Performance

The signage player supports **4K ultra-HD resolution**, ensuring sharp and vivid visuals that captivate audiences. Whether displaying promotional videos, product showcases, or live updates, its powerful graphics capabilities deliver an immersive viewing experience that leaves a lasting impression.

Advanced Connectivity Options

Equipped with **multiple connectivity options**, including HDMI, USB, Ethernet, and WiFi, the player offers seamless integration with existing display setups. Businesses can manage and update content in real-time, streamlining operations and ensuring timely advertising. This flexibility is particularly advantageous in fast-paced commercial settings.

User-Friendly Interface for Efficient Management

The player features an intuitive interface, simplifying the process of content scheduling, playback, and customization. With the ability to remotely manage and monitor displays, businesses can save time and resources while maintaining consistent branding and messaging across locations.

Compact and Durable Design

Designed for reliability and ease of installation, the signage player boasts a compact, lightweight form factor. Its durable construction ensures long-term performance, even in demanding environments, making it a cost-effective investment for businesses.

Versatile Applications Across Industries

This Android-powered digital signage player is ideal for a variety of applications, including:

- **Retail:** Enhance in-store experiences with promotions, product videos, and interactive displays that drive engagement and sales.
- **Hospitality:** Provide guests with event schedules, promotional offers, and wayfinding solutions to improve their experience.
- **Corporate Environments:** Streamline internal communications with real-time updates, meeting schedules, and announcements.
- **Education and Public Spaces:** Share important messages, schedules, or public service announcements in high-traffic areas.

Energy Efficiency and Long-Term Value

The player is designed with energy efficiency in mind, reducing operational costs without compromising performance. Its reliable hardware and software ensure minimal downtime, making it a dependable solution for businesses seeking consistent and impactful advertising tools.

Why Choose This Signage Player?

The **Smart Android Digital Signage Player for Commercial Digital Displays** stands out for its powerful features, ease of use, and versatility. Its Android OS ensures compatibility with a wide range of applications, while its advanced connectivity options make it adaptable to various setups. With its high-definition performance and intuitive management features, this player provides businesses with the tools they need to effectively communicate with their audience.

Whether you're looking to boost sales, enhance customer experiences, or streamline operations, this signage player delivers the performance and flexibility required to achieve your goals. Its combination of style, functionality, and efficiency ensures a professional and impactful advertising experience for businesses of all sizes.

Conclusion

The **Smart Android [Digital Signage Player](#)** is the ultimate solution for businesses aiming to elevate their advertising strategies. With its powerful Android platform, advanced connectivity, and robust performance, it empowers businesses to create engaging and dynamic content that resonates with their audience.