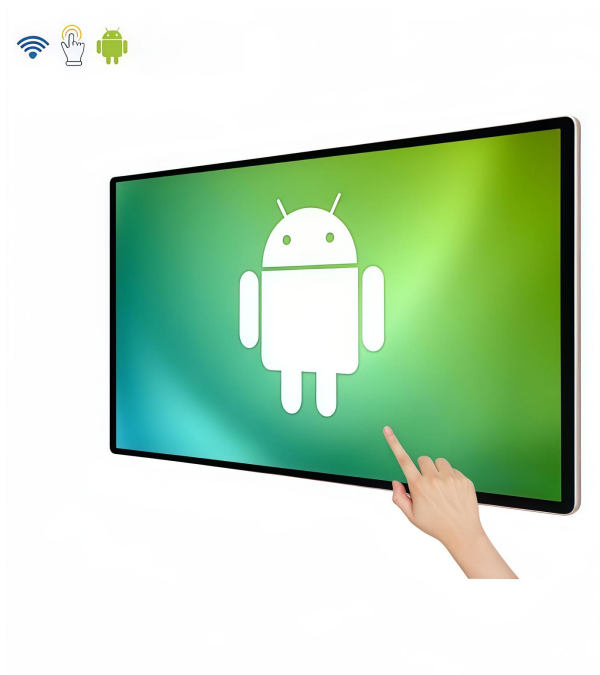




## PRODUCT SPECIFICATIONS



PRODUCT: 21 INCH Android Digital Signage

PRODUCT NO.: AL-R2155A

# FEATURES

- Flexible System Configuration

Powered by an industrial-grade Android/PC motherboard (optional), ensuring efficient heat dissipation, stable operation, and easy maintenance for 24/7 commercial use.

- Superior Visual Performance

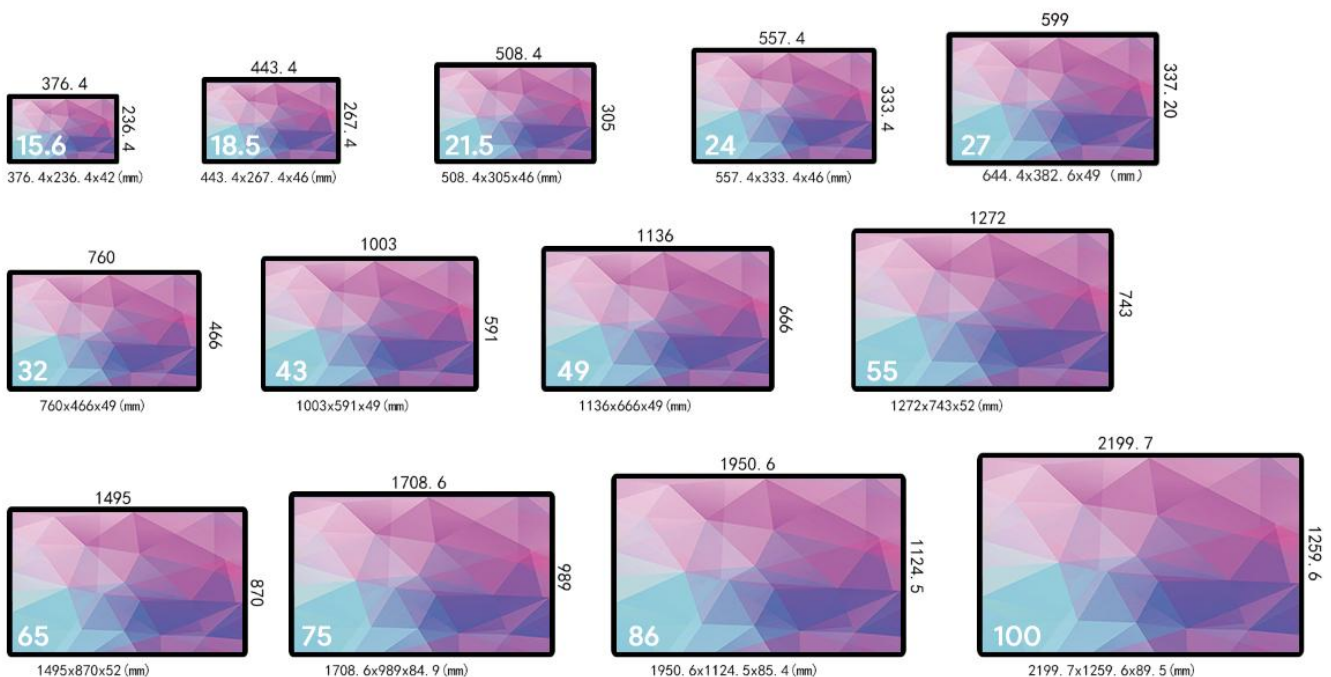
High-definition LCD panel with an ultra-wide viewing angle, eliminating blind spots and outperforming conventional displays for crisp, vibrant visuals in any environment.

- Seamless Touch Experience

Features a 10-point multi-touch capacitive screen with instant response and zero lag, delivering smooth, intuitive interaction for engaging user experiences.

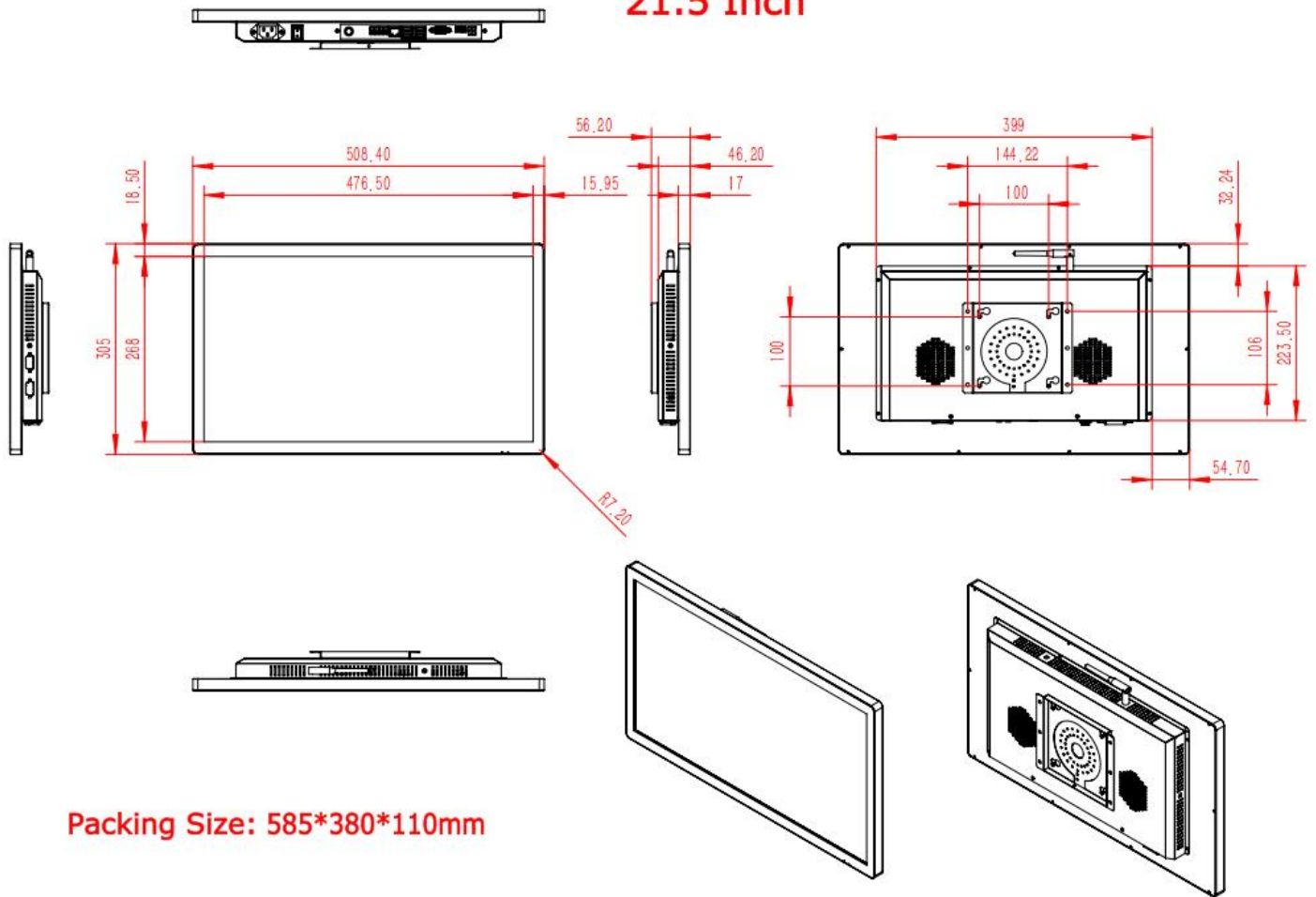
- End-to-End Digital Signage Solution

Not just hardware — we provide free SDK support and customizable software solutions to tailor the system to your specific business needs.



# DIMENSION

21.5 Inch



## SPECIFICATION

### Screen Specification

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Size                | 21.5 Inch                                            |
| Dimension           | 508.4x305x56.2mm                                     |
| Display Area        | 476.5x268.0mm                                        |
| View Angle(H/V)     | 178°(H), 178°(V)                                     |
| Resolution          | 1920x1080 Pixels                                     |
| Color               | 16.7M                                                |
| Brightness          | Default 250cd/m2, Support customized high brightness |
| Contrast Ratio      | >1200:1                                              |
| Touch Type          | Capacitive Touch screen                              |
| Response Time       | <7ms                                                 |
| Backlight           | LED                                                  |
| Screen Type         | IPS                                                  |
| Backlight Life      | >50000H                                              |
| Speaker             | Up to One 8 $\Omega$ 5W Dual Channel Speaker Output  |
| Power Supply        | DC 12V-24V, AC 110V-230V                             |
| Maximum Power       | $\leq$ 28W                                           |
| Working Temperature | -10℃ ~ 55℃                                           |
| Operating Humidity  | 10% ~ 90%, No condensation                           |

### Hardware Parameters

|                   |                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------|
| CPU               | RK3566, Quad-core, the highest frequency 1.8GHz                                                                           |
| GPU               | Mali-G52 GPU supports OpenGL ES 1.1/2.0/3.2, OpenCL 2.0 and Vulkan 1.1                                                    |
| Android           | Android OS 11.0                                                                                                           |
| Main Chip         | RK3566                                                                                                                    |
| DDR4/RAM          | The Default 2G, Extends to up to 4G                                                                                       |
| eMMC/Flash        | The Default 16G, Extends to up to 64G                                                                                     |
| Network           | Support RJ45 100M Ethernet port and Ethernet.<br>Support 2.4GHz (optional 5GHz) Wi-Fi and Wi-Fi 802.11b / g / n protocol. |
| Image rotation    | Support 0 degree, 90 degree, 180 degree, 270 degree manual rotation                                                       |
| Display interface | 1*HDMI interface output                                                                                                   |
| Audio             | Support standard left and right channel line output                                                                       |
| RTC               | Built-in real-time clock function                                                                                         |

|                                        |                                                                                                                                                                  |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USB                                    | 1*USB 3.0 HOST, 1*USB 2.0 or OTG                                                                                                                                 |
| LED                                    | 1*power status LED (green), 1*system LED (green, blinking by default)                                                                                            |
| Button                                 | 1*Recovery button                                                                                                                                                |
| Power Adapter                          | Input: AC100-240V.50-60Hz, output: DC12V 1.5A<br>(Requires that the surge voltage is less than 18V and the ripple voltage is less than 100mV)                    |
| Software Specifications                |                                                                                                                                                                  |
| RTC                                    | Support RTC Feature                                                                                                                                              |
| Video Format                           | AVI, WMV, MOV, MP4, FLV, TS, 3GP, MPG etc.                                                                                                                       |
| Image Format                           | BMP, JPEG, PNG, GIF etc.                                                                                                                                         |
| System comes with application software | APK installer, email, calculator, browser, recorder, calendar, settings, clock, video player, search, contacts, gallery, download, camera, music, explorer, etc. |
| Language                               | Support multi-languag                                                                                                                                            |
| Typewriting                            | Standard Android keyboard, optional third-party input method                                                                                                     |
| Pilot Lamp                             | Standby Pilot Lamp and Work Pilot Lamp                                                                                                                           |
| Gravity Sensor                         | Optional                                                                                                                                                         |
| System Management                      | Support Split Screen                                                                                                                                             |
|                                        | The original ecological Android system, open root permissions, can be customized product development                                                             |
|                                        | Real-time remote monitoring, self-recovery of system crash, 7 * 24 hours unattended                                                                              |
|                                        | Support OTA remote upgrade; support U-disk upgrade                                                                                                               |
|                                        | Support boot animation definition                                                                                                                                |
|                                        | Support server / standalone mode switch                                                                                                                          |
|                                        | Support Wi-Fi hotspo                                                                                                                                             |
| System watchdog                        | Support software watchdog                                                                                                                                        |
| Interface                              |                                                                                                                                                                  |
| USB                                    | 2                                                                                                                                                                |
| HDMI                                   | 1                                                                                                                                                                |
| DC                                     | 1                                                                                                                                                                |
| RJ45                                   | 1                                                                                                                                                                |
| TF                                     | 1                                                                                                                                                                |
| Accessory&Package                      |                                                                                                                                                                  |
| Wifi Antenna                           | 1                                                                                                                                                                |
| Power Supply Cord                      | 1                                                                                                                                                                |
| Infrared Remote Controller             | 1                                                                                                                                                                |

|                 |                     |
|-----------------|---------------------|
| Warranty Card   | 1                   |
| Instructions    | 1                   |
| Available Color |                     |
| Colors          | Black/ Siver/ White |

