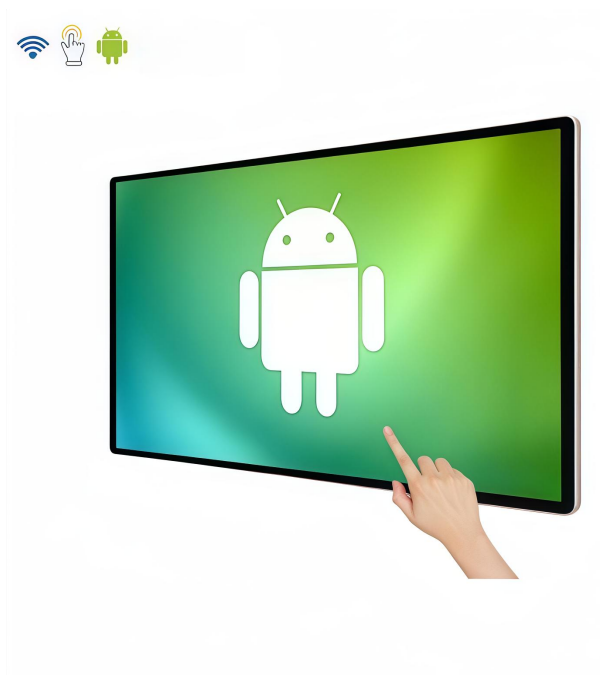




PRODUCT SPECIFICATIONS



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

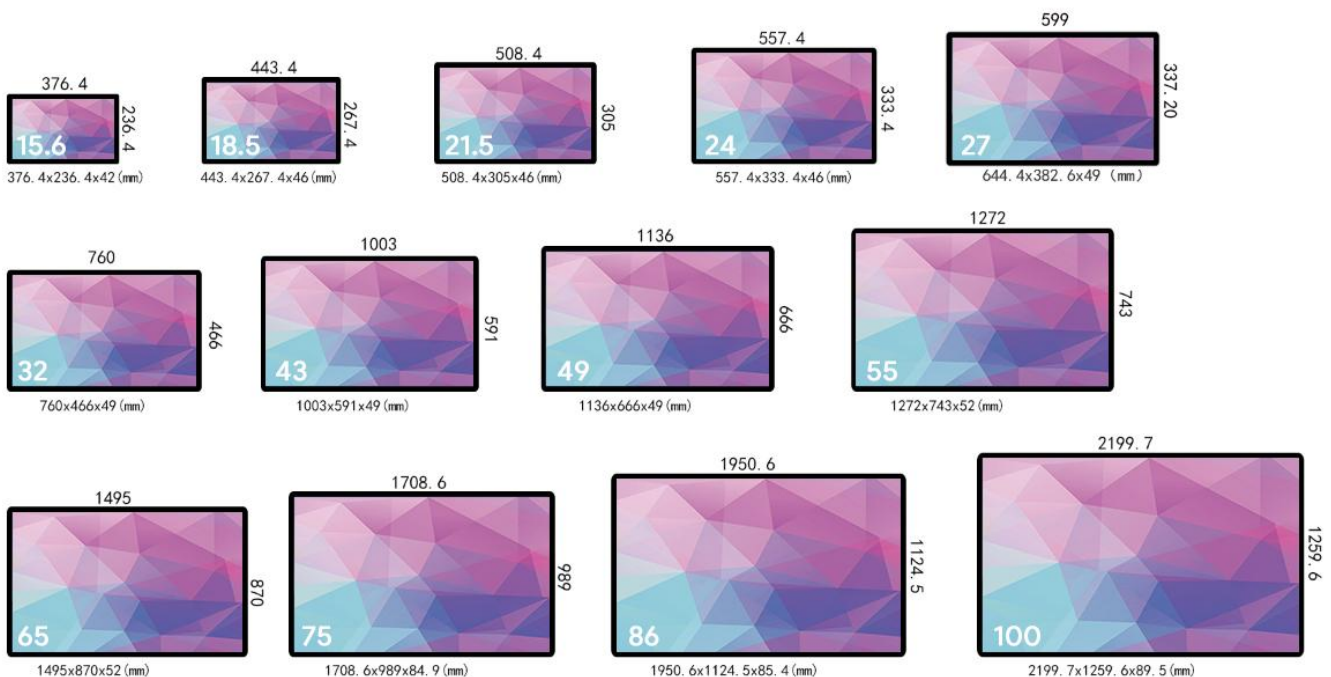
High-definition LCD panel with an ultra-wide viewing angle, eliminating blind spots and outperforming conventional displays for crisp, vibrant visuals in any environment.

- 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.

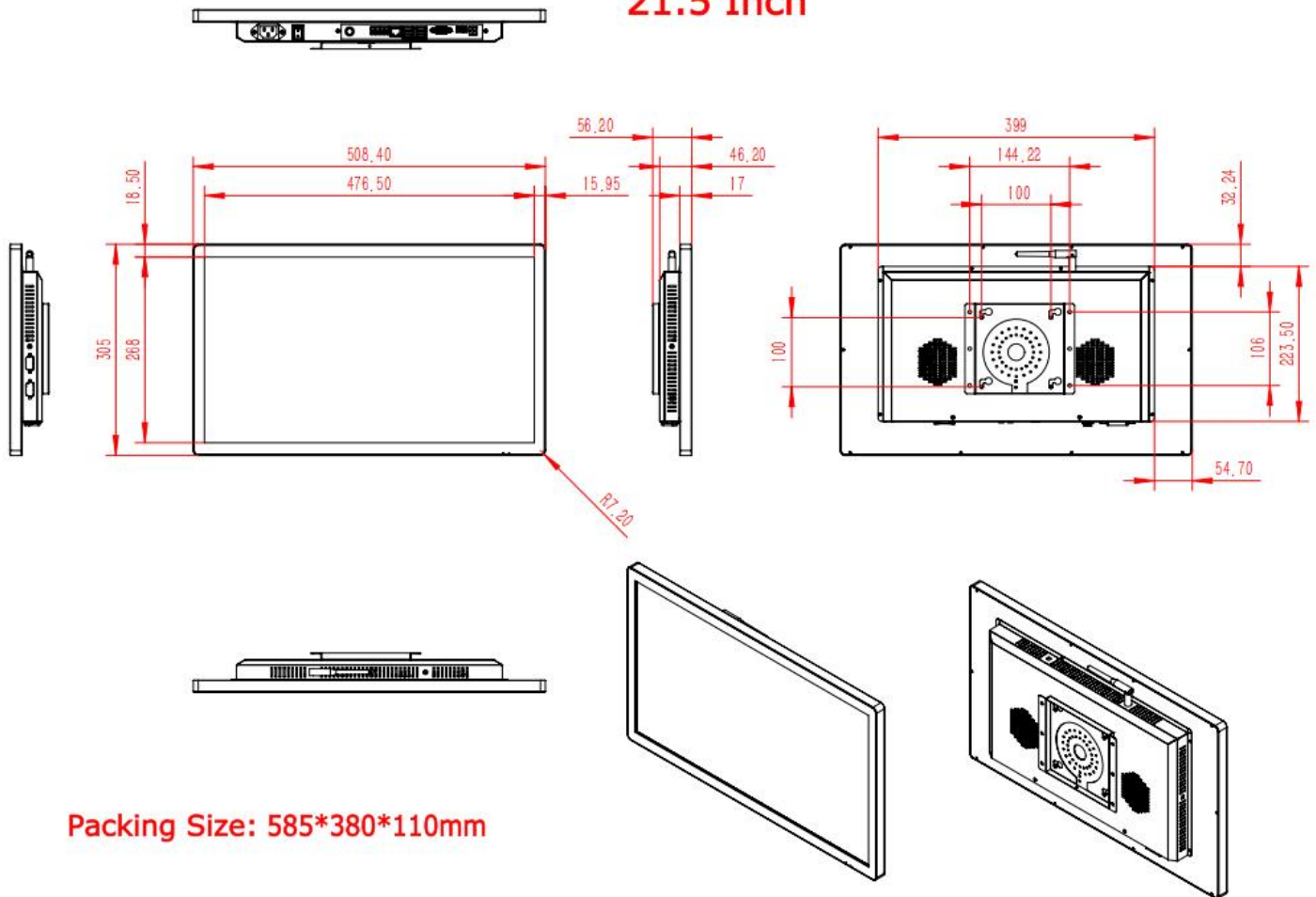
- End-to-End Digital Signage Solution

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 Ω 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. 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 (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

