



PRODUCT SPECIFICATIONS

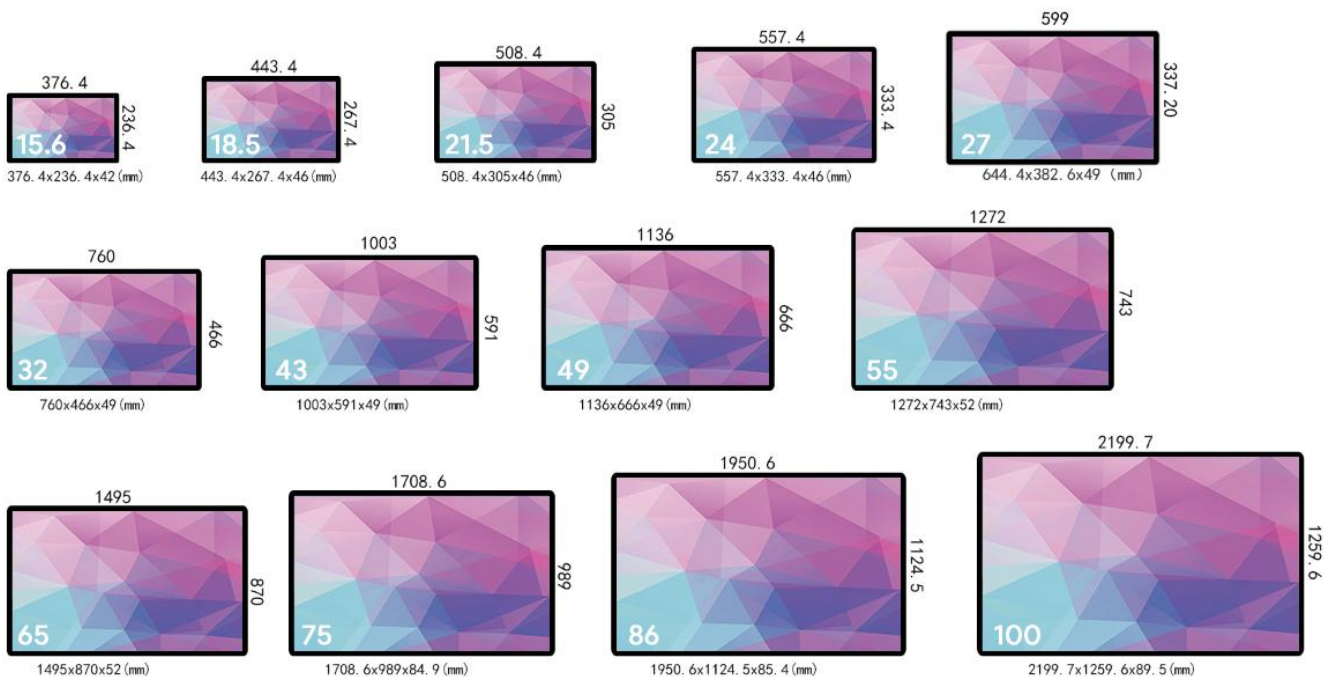


PRODUCT: 32 INCH Android Digital Signage

PRODUCT NO.: AL-R3205

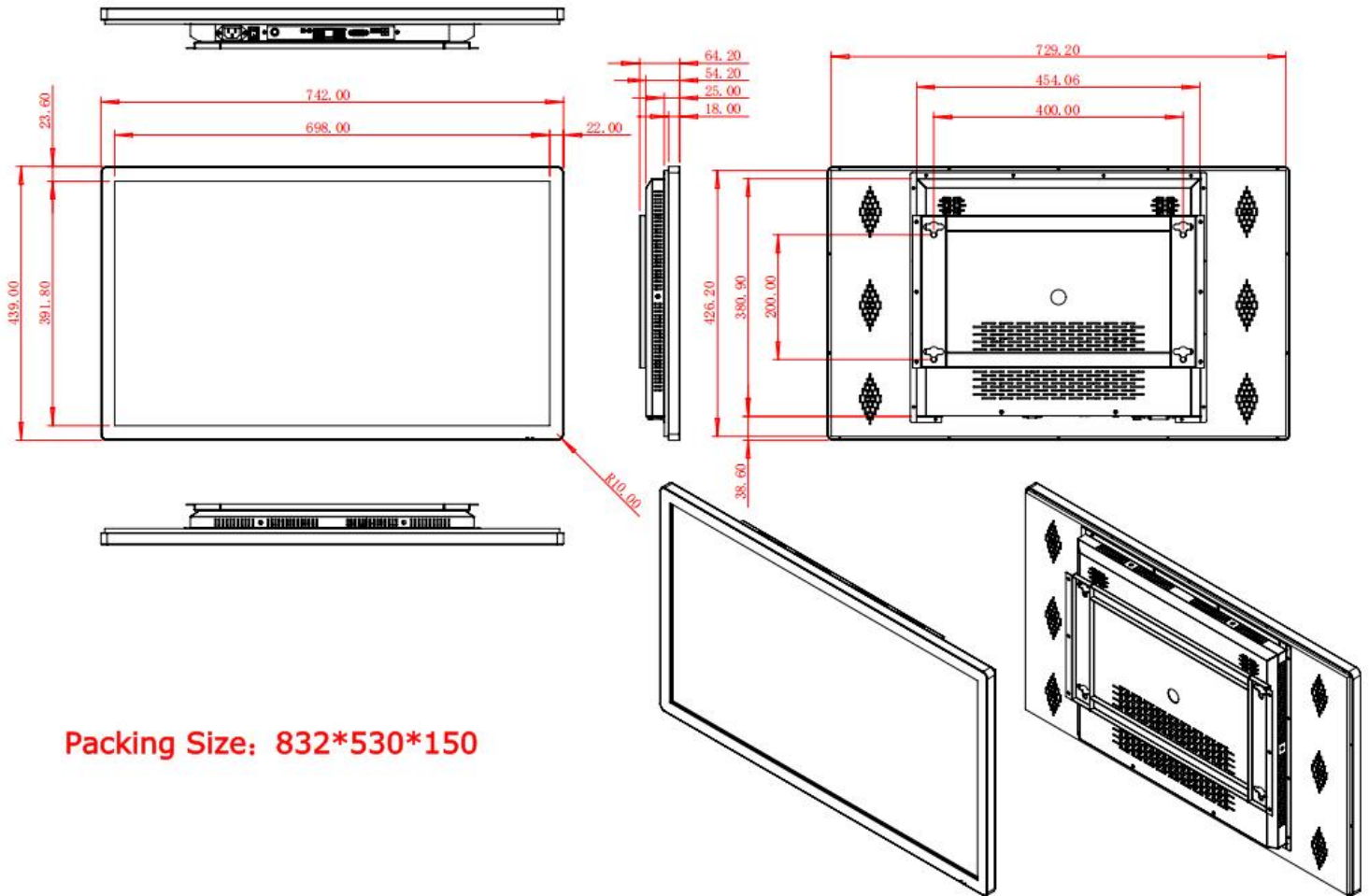
FEATURES

- **Advanced System Platform** – Equipped with a high-performance professional-grade Android/computer motherboard (configurable), ensuring superior thermal management, reliable operation, and effortless maintenance.
- **Premium Visual Experience** – Features a high-definition LCD panel with an ultra-wide viewing angle, eliminating the visibility limitations common in competing products and delivering an unparalleled display performance.
- **Free SDK & Developer Tools** – Empower your projects with our freely available SDK, enabling seamless integration and customization.
- **Smart Total Solutions** – Beyond hardware, we deliver fully customized software and service packages to meet your unique business needs.



DIMENSION

32 Inch



SPECIFICATION

Screen Specification

Size	32 Inch
Dimension	742x439x64.2mm
Display Area	698x391.8mm
View Angle(H/V)	178°(H), 178°(V)
Resolution	1920x1080 Pixels
Color	16.7M
Brightness	Default 300cd/m2, Support 500-1500 High Brightness
Contrast Ratio	>1200:1
Response Time	<7ms
Backlight	LED
Screen Type	IPS
Backlight Life	>50000H
Speaker	Up to One 8 Ω 5W Dual Channel Speaker Output
Power	DC 12V-24V, AC 110V-230V
Working Temperature	-10℃ ~ 55℃
Operating Humidity	10% ~ 90%, No condensation

System Configuration

CPU	Hi3751V352F, Four core, 1 GHz, Android 9.0
GPU	Mali-450 MP2
Android	Android OS 9.0
Main Chip	352C
DDR4/RAM	The Default 2GB
eMMC/Flash	The Default 32GB
Network	Support RJ45 100Mbps Ethernet; Wi-Fi(2.4G), Supports Wi Fi 802.11b/g/n protocol
Image rotation	Support 0 degree, 90 degree, 180 degree, 270 degree manual rotation
Display interface	1 * LVDS interface (single/dual, 6 bits/8 bits), supports 3.3V/5V/12V power supply Onboard backlight control supports 12V backlight power supply
Amplifier	Channel output (default 8 Ω and 5W, compatible with 8 ohms and 10 watts dual channel audio amplifier output)

Power amplifier	2 outputs (8Ω , 5W dual audio amplifier output)
Touch screen	Support USB multi-point infrared touch, multi-point capacitive touch, multi-point nano film touch, multi-point sound wave Touch, multi-point optical touch and so on
RTC	Built-in real-time clock function
USB	2 USB 2.0 ports, 1 USB-4G expansion port (choose one from 1 USB port)
IR	Infrared receiver, support infrared remote control function
LED	1*power status LED(green),1*system LED(green blinking in default)
Button	1*upgrade key
Serial port	2*UART(support optional RS232), 1 *DEBUG
Power Adapter	Input:AC100-240V.50-60HZ , Output: DC12V 1.5A (Requires surge voltage less than 18V and ripple voltage less than 100mV)
Software Specifications	
Audio	MP3,WMA,WAV, APE, FLAC, AAC, OGG,M4A,3GPP and other formats
Video	Support AVI, rm, rmvb, MKV,WMV,MOV,MP4,DAT,PMP,MPEG,MPG, FLV,ASF ,TS, TP,3GP,MPG and other formats
Image	Support JPG, BMP, PNG and various images formats
System default 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
Input method	Standard Android keyboard with optional third-party input method
System watchdog	Support software watchdog
System Management	Original ecological Android system, open root permissions, and can customize product development
	Real-time remote monitoring, system crash self-recovery, unattended 7 * 24 hours
	Support OTA remote upgrade; support U disk upgrade
	Support boot animation definition
	Support server / stand-alone mode switching
	Support Wi-Fi hotspo
	Support Stand Alone Playback
	Support automatic power on/off
	Support RTC

Main Interface	
USB	2
HDMI Input	1
Lan	1
Audio Output	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