



# DSP-8200

Fanless Mini Digital Signage Player  
with ARM® Cortex®-A17 Based Processor, Rockchip RK3288



- Rockchip RK3288 32-bit Quad Core ARM® Cortex®-A17 @1.8GHz
- 2GB DDR3 memory
- 8GB eMMC, 1x Micro SD Cage for storage
- 1x HDMI2.0 (4K support) for video output
- 1x GbE LAN, Wi-Fi, Bluetooth for network connection
- 3x USB2.0, 1x USB OTG for peripheral connection
- Ultra-mini size
- Android based media player
- Content Management System available



## Product Overview













DSP-8200, an ARM and Android based fanless mini digital signage player, is the state-of-the-art synergistic alternative to all the conventional billboards, prints, and audio-visual advertisement playback combined, while offering large-size display surface, multimedia audio-visual playback, digital marquee-texting and real-time push-messaging, as well as supporting touch-screen functionality, enabling advanced interactive advertisement (as software option).

DSP-8200 offers customized ad layout, flexible programming and "ad-flash" functionalities for real-time, flexible content and max-trending ad effect.

Ad-Signage is easy to use, and allows your ad content to be designed and managed according to your communication needs, whilst bringing saving in ad budget, as well as optimizing communication effectiveness.

Ad-Signage, with built-in LAN and wireless LAN networking functionalities, can easily achieve real-time content uplink, effective (single/group) terminal management, perfect for retail outlets, government and education institutions, exhibitions, conferences, hospitals, transportation terminals, etc., where surgical and on-demand mass communication is most commercially effective.

## Product Features

-  Versatile all-in-one embedded wireless ad display
-  Multi-language
-  High definition output
-  Landscape / portrait display format as required
-  Multimedia ad program, internet page, marquee text and ad-flash
-  Format to suit ad design
-  Built-in flexible and tactical programming
-  Ad-flash update remotely and on-site
-  Remote-end diagnosis, device update maintenance
-  single-machine offline / online and multiple-machine online
-  Interactive advertisement support
-  GPS, 3G / 4G support

## Technical Information

CPU Support	
	Rockchip RK3288 32-bit Quad Core ARM Cortex-A17 @1.8GHz
Memory	
	2GB DDR3 memory
Graphic Controller	
	Mali-T764 GPU
Video Interfaces	
	1x HDMI2.0 (on rear, 4096 x 2160 @ 60Hz)
	1x MIPI (optional, 13M pixels, for camera input)
Display Rotation	
	Optional (Gyro based, 0° ~ 270°)
Audio Interfaces	
	1x Line-out (on rear)
Ethernet	
	1x GbE LAN (RJ-45 on rear)
Wireless	
	Wi-Fi (IEEE 802.11 b/g/n)
	Bluetooth (V2.1+EDR/Bluetooth 3.0/3.0+HS/4.0)
	3G / 4G (optional, by USB dongle)
	GPS (optional)
USB	
	3x USB2.0 (Type A on rear)
	- support IR / PCT / liquid shield / ultrasonic touch
	- support camera input
	1x USB OTG (Micro-USB on rear)
Storage	
	8GB eMMC (default, up to 32GB or NAND Flash by request)
	1x Micro SD Cage (on rear, support up to 64GB)
Power Supply	
	Connector: DC Jack (on rear)
	Input Voltage: DC 12V / 1.5A
	Power Adapter: AC to DC, 100V ~ 240V, 50 ~ 60 Hz

Firmware	
	Watchdog: Programmable WDT to generate system reset event
	Real Time Clock: SoC integrated RTC
System Control & Monitoring	
	1x Power LED (on top)
	1x ADB Button (on front)
Cooling	
	Passive
OS	
	Android 5.1
Application Software	
	Content Management System (optional)
Construction	
	Aluminum Chassis
Dimensions (W x D x H)	
	167.5 x 120 x 26.5 mm / 6.59" x 4.72" x 1.04"
Weight	
	200 g / 0.44 lb
Environmental Characteristics	
	Operation Temp.: 0°C ~ 60°C / 32°F ~ 140°F
	Storage Temp.: -25°C ~ 70°C / -13°F ~ 158°F
	Humidity: 10% ~ 90%
Mounting	
	VESA Mount (100 x 100 mm)
Security	
	1x Kensington Security Slot (on rear)
Certification	
	CE, FCC Class B

## I/Os Panels



Power LED



ADB Button



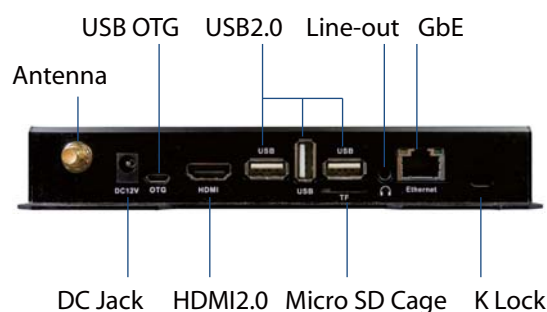
Top Side



Front Side



Rear Side



Antenna

USB OTG

USB2.0

Line-out

GbE

DC Jack

HDMI2.0

Micro SD Cage

K Lock

## Ordering Information

Article	Description
DSP-8200	Rockchip RK3288, 2GB DDR3 Memory, 1x HDMI2.0, 1x GbE LAN, 3x USB2.0, 1x USB OTG, 8GB eMMC, 1x Micro SD Cage

## Optional Application Software

Content Management System		Entry Level CMS01	Intermediate Level CMS02	Professional Level CMS03
Features	Picture, Video, Audio, Text, Data, Time, Week, Weather, Web, Container, RSS	●	●	●
	Interactive Touch	✕	●	●
	Ad Area, Streaming, Countdown	✕	✕	●
	Ad Management	✕	✕	●
	Program Editor	●	●	●
	Terminal Management	●	●	●
	Resource	●	●	●
	Send / Clearance Check	●	●	●
	Scheduling / Statistics	●	●	●
	Clearance Management	●	●	●