H068 Signage Player

Product Overview

Introducing H068

H068 Signage Player (ARM)

The H068 is an entry-level, semi-industrial fanless ARM media player designed for reliable 24/7 digital signage performance. Compact, efficient, and capable of 4K60Hz playback, it's built to deliver smooth, engaging content in retail and commercial environments where space, air quality, or noise are key considerations.

Core Specifications

- Processor: Rockchip RK3568 (Cortex-A55)

- Graphics: ARM Mali-G52 2EE

- Memory: 4GB

- Storage: 16GB

Android 14	Fanless	RTC Power Scheduling	4K 60Hz	Rated for 24/7 Use

Typical Applications

Ideal for single-screen digital signage, retail displays, wayfinding systems, kiosks, and totems that require silent, efficient, and continuous operation.

Features

Featuring Android 14

The H068 runs Android 14 as standard. Certified system images are available for approved CMS partners.

Fanless Design

With passive cooling, the H068 offers quiet operation suited to confined spaces.

RTC Power Scheduling

Real time clock power scheduling lets you power the system on and off at set times and dates. Save power and extend the life of your device.

Output up to 4K 60Hz

The H068 outputs video up to 4K at 60 Hz.
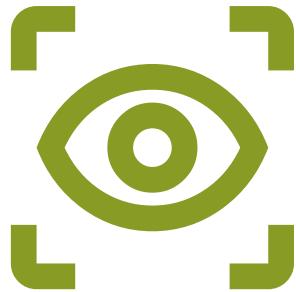
Watchdog

Watchdog keeps an eye on your device. If it encounters an error or crashes, it can automatically reboot the system.

OEM Services

Our OEM service is designed to get your devices out of our factory pre-configured, fully branded and ready to go. You cut down on setup, speed up deployment and get a solution that works straight out of the box, saving you both time and money.

Short Lead Time

We typically hold up to three months of stock of key product lines in the UK to keep lead times short.

Custom Firmware

We can preconfigure firmware to your required settings, including BIOS splash screens and core security options.

System Imaging

We can preload your own system image, or design, build and test an image on your behalf and apply it at the factory.

Low MoQ

We do not have a minimum order quantity. Our hardware and services are available from one unit upwards. Pricing is simple: a one-off setup fee and a per device cost for each service.

Call Off Orders

Plan once, deploy as needed. Place a single bulk order and we build to your agreed spec, then you call off units in batches as projects go live.

Bonded Stock

Avoid supply surprises on critical projects. We hold an agreed quantity of finished units or key components in our warehouse, reserved just for you.

Credit Lines

With an agreed credit line, you can order against upcoming rollouts, align payments with your own customer billing and cut down admin for repeat work.

White Labelling

We design and produce packaging that carries your logo, colours, product information and messaging, along with any labels and identifiers you need.

Ports & Supported Resolutions

Ports

| 1 | 2 | 3 | 4 | 5 | 6 |

| 7 | 8 | 9 | 10 | 11 | 12 |
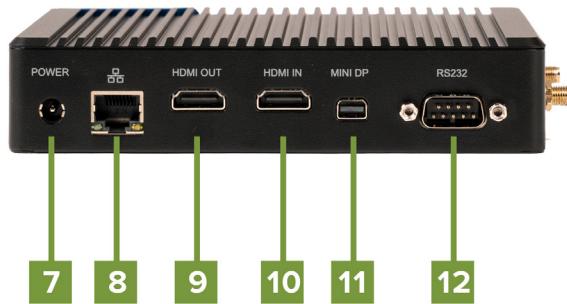
1. Power Button	**7.** Power
2. USB 3.1 (Type-C)	**8.** RJ45
3. USB 3.0 (Type-A)	**9.** HDMI-out
4. USB 2.0 (Type-A)	**10.** HDMI-in
5. MicroSD slot	**11.** Mini DisplayPort
6. 3.5mm audio (Line-out)	**12.** DB9 RS232

Supported Resolutions

Video Format			Output	
Shorthand	Resolution	Refresh rate (Hz)	HDMI	Mini DP
1080p	1920×1080	30	Yes	Yes
		60	Yes	Yes
4K	3840×2160	30	Yes	No
		60	Yes	No
5K	5120×2880	30	No	No
		60	No	No
8K	7680×4320	30	No	No
		60	No	No

Dimensions & What's in the box

Compact and lightweight, the H068 is easy to integrate into space-limited signage enclosures or discreet installations.

Player Dimensions

RESET   USB 3.0   USB 2.0   MICRO SD   AUDIO OUT

30mm
152mm
199mm

Power Brick Dimensions

57mm
68mm
30mm

What's in the box

Antenna's

Feet

Mounting Screws

VESA Mounting Plate

Media Player

Multi Plug PSU

Technical Specification

Performance

Processor	Rockchip RK3568 - Cortex-A55
Memory	4GB LPDDR4
Storage	Up to 32GB eMMC Supports MicroSD up to 256GB
Graphics	ARM Mali-G52 2EE
Operating System	Android 14

System

Power Supply	External 36W brick (12V 3A, 5.5mm x 2.5mm)
RTC	Power scheduling supported

Physical

In the box	H068 system Power supply 2 x Antenna VESA mounting bracket
Dimensions	199mm x 152mm x 30mm
Weight	Gross Weight: 1.24Kg Net Weight: 0.81Kg
Packaging	Paper: 135g (79.88%) Plastic: 34g (20.12%)

Conformity

Conformity	CE / CB / FCC / IC

Connectivity

Networking	1Gb LAN Wi-Fi 6 (802.11ax) + BT 5.2
Front IO	1 x USB 3.1 (Type-C) 1 x USB 3.0 (Type-A) 1 x USB 2.0 (Type-A) 1 x MicroSD slot 1 x 3.5mm audio (Line-out)
Rear IO	1 x DB9 RS232 1 x Mini DisplayPort 1 x HDMI-out 1 x HDMI-in 1 x RJ45 1 x D/C in

Warranty

Standard	1 year collect and return
Optional Upgrades	Up to 5 years total cover Extended Service Plan

Environment

Operating Temperature	-5°C to 45°C
Operating Humidity	10% to 90% non-condensing
Storage Temperature	-20°C to 70°C
Storage Humidity	5% to 95% non-condensing

Please note that the system images are examples and may differ based on chosen specifications. Some products shown in system images may be subject to availability. Please contact our team if you have any questions regarding configuration.