

H076 Signage Player

Product Overview



Introducing H076

H076 Signage Player (ARM)

The H076 is a powerful dual display signage and media player for serious always on projects. It runs Android 14, is completely fanless, and is designed for reliable 24/7 operation in demanding environments. Powered by a Rockchip RK3576, it outputs video up to dual 4K at 60 Hz.

Core Specifications

- Processor: Rockchip RK3576 (Cortex A55)
- Graphics: ARM Mali G52 2EE
- Memory: 4GB
- Storage: 32GB



Android 14



Fanless



RTC Power Scheduling



Dual 4K 60Hz



Rated for 24/7 Use

Typical Applications

Ideal for digital signage displays, wayfinding systems, kiosks, totems, and enclosure based appliances that demand quiet, continuous operation. PoE support suits locations where running separate mains power is difficult, and optional 4G keeps content online where WiFi is not available.



Features



Featuring Android 14

The H076 runs Android 14 as standard. System images are available with or without rooted access, so integrators can choose the level of control they need for their applications.



Dual 4K 60Hz Output

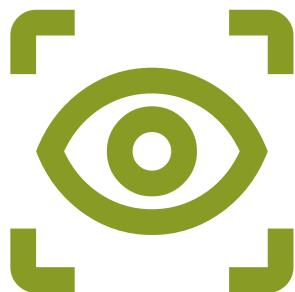
It supports two 4K displays at 60 Hz, making it ideal for dual screen menus, mirrored content, or extended layouts.

Fanless Design

With passive cooling and no moving parts, the H076 operates silently and is well suited to confined or dusty environments.

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.



Watchdog

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

HDMI Input for Capture

An HDMI input provides 1080p video capture. Use it to bring external video sources into your digital signage layout, mix live feeds with scheduled content, or integrate with existing AV systems.

PoE and 4G

PoE lets you power and connect the H076 over a single network cable, which makes installation easier where mains sockets are limited. Optional 4G keeps your signage online in locations without reliable wired or WiFi connections.

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

Ports

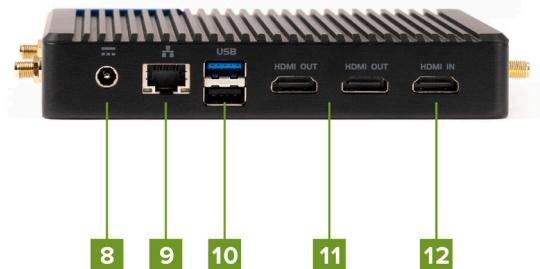


Front IO

1. Power Button
2. Recovery Key
3. MicroSD/SIM Slot
4. USB 3.0 (Type-C)
5. USB 3.0 (Type-A)
6. Line-out/Mic in port

Side IO

7. DB9 RS232



Rear IO

8. DC-In
9. RJ45 with Support POE PD-In 48w
10. USB 2.0 (Type-A)
11. HDMI 2.0
12. HDMI In

Supported Resolutions

Supported Resolutions

Video Format			Output	
Shorthand	Resolution	Refresh rate (Hz)	HDMI	Mini DP
1080p	1920×1080	30	Yes	No
		60	Yes	No
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 H076 is easy to integrate into space-limited signage enclosures or discreet installations.

Player Dimensions



Power Brick Dimensions



What's in the box

Antenna's



Feet



Mounting Screws



VESA Mounting Plate



Media Player



Multi Plug PSU



Technical Specification

Performance

Processor	Rockchip RK3576 - Cortex-A72
Memory	4GB LPDDR4x
Storage	32GB eMMC Supports MicroSD up to 256GB
Graphics	Mali-G52 MC3
Operating System	Android 14

System

RTC	Power scheduling supported
Power Supply	UK/US/EU Inline Multiplug Adapter (12V 3A 36W, 2.5mm x 5.5mm)

Physical

In the box	H076 system Power supply 2 x Antenna
Dimensions	151mm x 129mm x 27mm
Weight	Gross Weight: 1.19Kg Net Weight: 0.73Kg
Packaging	Paper: 167g (80.29%) Plastic: 41g (19.71%)

Conformity

Conformity	CE / RoHS
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Connectivity

Networking	1Gb LAN Wi-Fi 6 & Bluetooth 5.2
Front IO	1 x Power Button 1 x Recovery Key 1 x MicroSD/SIM Slot 1 x USB 3.0 (Type-C) 1 x USB 3.0 (Type-A) 1 x Line-out/Mic in port
Side IO	1 x DB9 RS232
Rear IO	1 x DC-In 1 x RJ45 with Support POE PD-In 48w 2 x USB 2.0 (Type-A) 2 x HDMI 2.0 1 x HDMI In

Warranty

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

Environment

Operating Temp	-5°C to 45°C
Operating Humidity	10% to 90% non-condensing
Storage Temp	-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.



- 📞 0114 321 8609
- ✉️ info@very-pc.co.uk
- 🌐 very-pc.co.uk
- 📍 Unit 4/5 Parkwood Business Park,
75 Parkwood Road, Sheffield, S3 8AL