

VigintSign –

VPC-H068

Dual Display Media Player



4k Dual-Display
Output



Rockchip
RK3568
Processor



Built for
Continuous
Operation



Flexible
Connectivity

Industrial-Grade Design

Fanless Cooling

LPDDR4x Memory

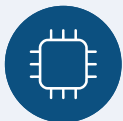


Introduction

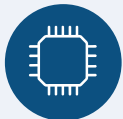
The VPC-H068 is a compact, fanless digital signage player powered by the Rockchip RK3568 quad-core Cortex-A55 processor, delivering reliable performance for commercial display applications. Supporting dual displays through HDMI and DisplayPort with up to 4K@60Hz output, it is ideal for digital signage, kiosks, conference rooms, and information display systems.

Equipped with Wi-Fi 6, Gigabit Ethernet, LPDDR4x memory, onboard eMMC storage, USB, Type-C, RS232, HDMI input, and Micro SD expansion, the VPC-H068 provides versatile connectivity in a durable, space-saving design. Running Android 11 with WatchDog, RTC scheduling, and auto power-on support, it ensures dependable 24/7 operation for professional deployments.

Features



ARM Platform



Rockchip RK3568



ARM Mali-G52



1 x HDMI-Out 4K @60Hz



1 x DP-Out



1 x HDMI-In

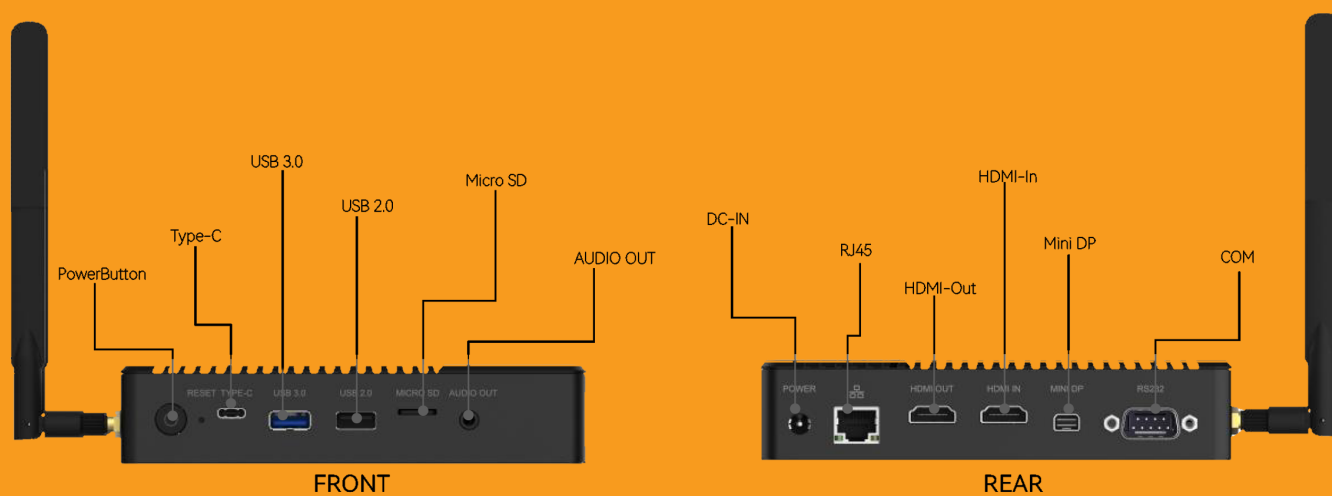


Support WIFI6 1000M Ethernet RJ45

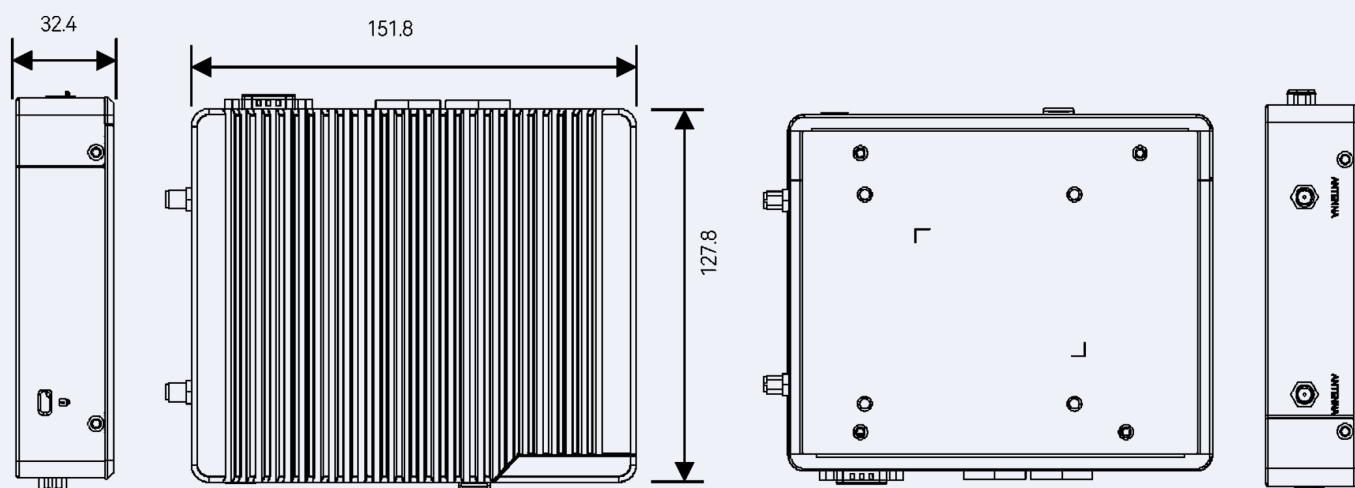


Fanless Design

I/O Interfaces



Dimensions (mm)



Technical Specifications

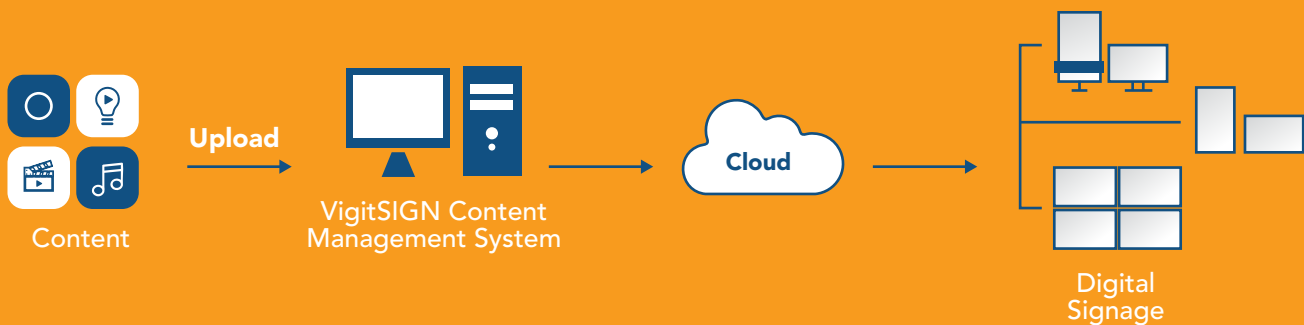
CPU	
CPU	RK3568
Frequency	2.0 GHz
Processing units	4 Cores Cortex-A55
System	
Memory	LPDDR4x 4GB
Storage	Onboard EMMC5.1 16GB/32GB
OS	Android11
WatchDog	Support
Auto Power On	Support
RTC Alarm	Power On/Off at specific time, a week as a cycle
Power Input	12v 2.5/5.5 DC-In
Dimension	151(L) x 129(W) x 30(H) mm
Operating Temp.	-5~45
Operating Humidity	10%~90% non-condensing
Storage Temp	-20~70
Operating Humidity	5%~95% non-condensing
Display	
Graphic Card	ARM Mali-G52
Multi Displays	Support Dual displays
Interface	1 x HDMI-Out 4K @60Hz, 1 x DP-Out 1920x1080 @60Hz, 1 x HDMI-In 1920x1080 @60Hz
Network	
LAN IC	1 x LAN IC YT8521SC
LAN Interface	10/100/1000Mbps
LAN Connector	1 x RJ45
Wireless Type	M.2 Key E 2230 Module
Wireless Module	AW-XB547NF, WIFI-6/BT5.2
I/O interface	
Serial Port	1 x 9PIN RS232 Connector
USB	1 x USB3.0, 1 x USB2.0, 1 x Type-C
Button	1 x PowerButton, 1 x Recovery Key
SD Card	1 x Micro SD Card
Audio	1 x Audio Out
Power	1 x 2.5/5.5 DC-IN Connector

The Ultimate Digital Signage Management System

Manage Smarter, Engage Better, Perform Greater.

Everything You Need for a Smarter, Faster Signage

- Remote & Flexible Content Management
- Support for WiFi
- Unlimited Content Looping Playback
- Remote Content Scheduling
- Screen Splicing
- Screen On/Off
- Data Collection & Reporting
- Content Synchronization



Effortlessly Track, Analyze & Optimize

Our signage software gives you easy-to-use tools to track performance, improve your content, and keep your hardware running smoothly.



100% Secure CLOUD Based System



Support for Multi-Level User Access



Cloud & Local USB Content Update



Live Layout Preview



Real-Time Hardware & Software Monitoring





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