5Seasons CMB064R9 Specification

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Commercial **M**ultimedia Service **B**ox V1.0

CMB Family & Private Cloud

Commercial Multimedia Service Box

5Seasons CMB064R9 Specification

CMB064R9

Six-Core, single/dual ports, (metal case)
For screen size bigger than 30 inch
Commercial grade for commercial & multimedia applications

CMB064R9

Six-core Commercial Multimedia Service Box
Digital Signage Box/ Media Player/ Commercial Automation Computing

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Commercial grade multimedia service system Box
As Digital Signage, Media Player, and Commercial automation application

Six Core Cortax-A72 CPU* 2 + A53 CPU* 4 up to 1.8GHz
Strong Mali-T864 GPU supports video capability up to 1080P encode/decode

Android OS with internet & local connections for Cloud and Central-cluster architecture
WiFi, LAN(Ethernet Rj45, POE), bluetooth and IR embedded

Full-functional reliable Digital Signage/ Automation Computing box for small ~ middle scenario/screen applications
Train/Bus station, Airport, Museum, Gym, Department store, public area .....

Commercial grade automation control applications

SOC	Six-Core Cortex , A72 core* 2 + A53 core* 4, up to 1.8GHz Mali T864 GPU,	
OS	Android 7.1/ 9	
Video Ports	HDMI –in & HDMI-out	
Memory	2GB DDR3 SD slot(SDHC, ~32GB)	/ 8GB Nand (~32BG, optional)
Connectivity	WiFi 11 b/g/n/ac / BT Ethernet 10/100/1,000Mbps, RJ45	/ IR remote control / POE (optional)
USB	USB 2.0 host type A* 1	
Multimedia	Mini HDMI 2.0* 2	
Other H/W	DC-In (12V/2A AC/DC Adapter) Vesa mount hole	/ Power-On switch
Dimension	195* 146* 29 mm	/ Metal
Wight	392 g	

5Seasons GMB064R9 Specification

Introduction

ARM Industrial PC with HDMI-in

INDUSTRIAL COMMERCIAL PRODUCT

CMB064R9

The 5Seasons CMB064R9 features the Rockchip RK3399 Six Core ARM Cortex (A72x2, A53x4) CPU and Android 7.1 OS.
It comes with a HDMI input, that enables it to connect another media device and view it as picture-in-picture mode.
An IR blaster is supported which emulates IR control to autonomously control another device.
Our CMB064R9 is able to playback 4k@60fps video and support 10-bit HEVC hardware decoding, 802.11AC Dual band WiFi, Gigabit LAN and Bluetooth.

HDMI input | HDMI 2.0a | 4.0 Bluetooth | Ethernet Gigabit | Dual Band 2.4/5GHz | WiFi 802.11ac

Android 7.1 | 4Kp30 HEVC | HEVC 10-bit | VP9

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HDMI-input

the CMB064R9 is built with a HDMI-input port, you can connect another media device to it and can view it as a picture-in-picture or full screen without connecting the device to the TV.

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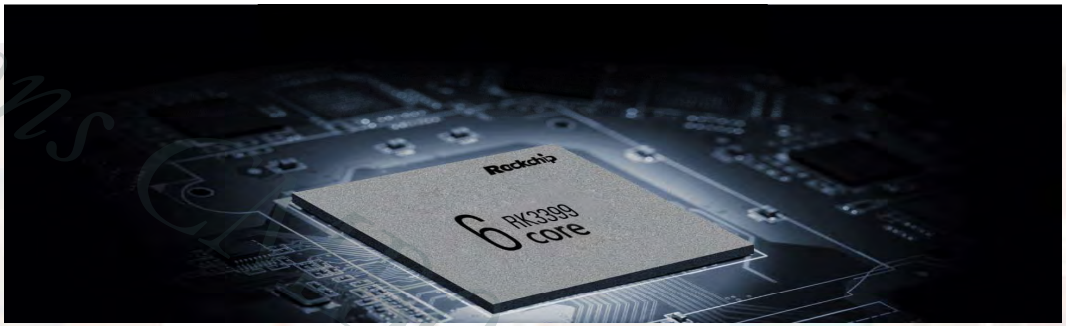
Rockchip RK3399 Six-core Cortex-A72/A53 CPU

Rockchip RK3399 is a high performance application processor for high-end tablet.

It integrate ARM Cortex-A72/A53 with separately Neon and FPU coprocessor, lots of high-performance interface to get very flexible solution, such as multi-pipe display with dual-channel LVDS, dual-channel MIPI-DSI, eDP1.1,HDMI2.0 , dual-channel MIPI-CSI2 interface with 13MP ISP embedded.



2G + 8G

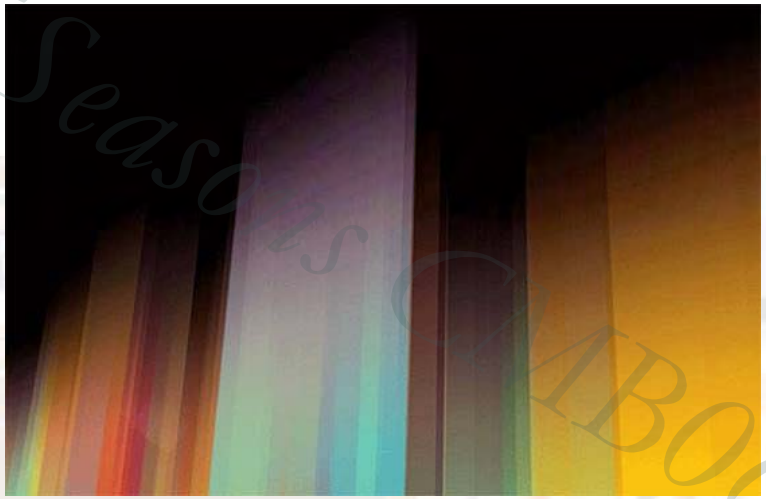
The utilization of eMMC memory offers an array of benefits in terms of performance security and reliability, resulting in a richer end-user experience.

HDMI 2.0

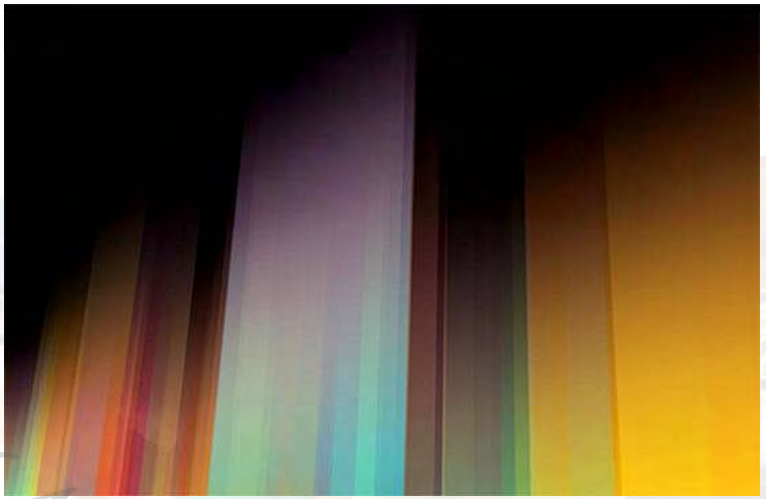
Supports hardware decoding of 4k@30P 10bit HEVC(H.265)H.265/HEVC is a successor to H.264/AVC.
Compare to H.264, H.265 data compression ratio is double at the same level of video quality.
It can alternatively be used to provide substantially improved video quality at the same bit rate.

10bit Color Decoding

10bit color decoding, support maximum 1.7 billion bir depth color, 60 times more than normal 8bit color decoding.
Gives you more natural, more real picture color.



10bit(2^{10})Color/Finer shades of Colors,
Smoother color transitions from light to dark



8bit(2^{8})Color/Grainy obvious,
Unnatural Color Transitions

Dolby Surround Sound

Supports Dolby Digtal and Dolby Digital Plus multichannel HD audio.
It provides smoother, dynamic, immersive and more realistic stereo surround sound.

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Hardware Video Decoding

Support hardware video decoding for all famous codec and video file format.

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Connectivity: Gigabit LAN, 802.11AC Wifi, Bluetooth

Gigabit LAN provides extremely fast and stable local network video streaming and Ultra HD streaming.
Dual band 802.11AC WiFi gives wider signal coverage and less interference.

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Customized GUI and functions

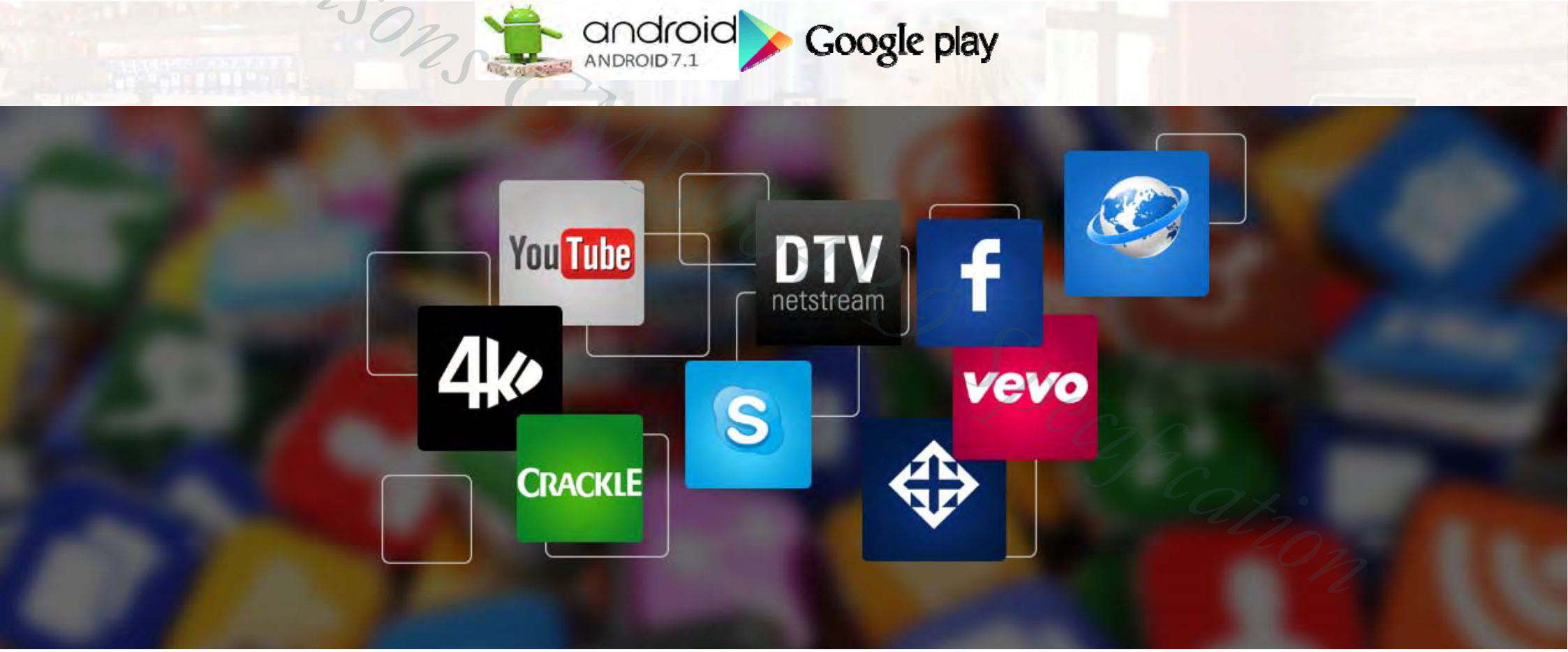
We are experts in customized GUI design and can create or implement your applications.

5Seasons CMB064R0 Application

Rich Applications

Supports most top applications like Youtube, Facebook, Kodi and more.

Stream, play and enjoy your time for hours with access to hit shows, blockbusters, radio stations and viral videos.



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Thanks!

Please Comment

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HDMI input | HDMI 2.0a | 4.0 Bluetooth | Ethernet Gigabit | Dual Band WiFi 2.4/5GHz | WiFi 802.11ac

Android 7.1 | 4Kp30 HEVC | HEVC 10-bit | VP9