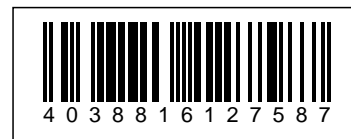


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EAN CODE



The most powerful Digital Signage Multimediamer

Rockchip RK3588, HDMI 2.1, WLAN AX 2,4/5GHz, 4K, USB 3.1

Our new Multimediamer is a small, very powerful player with **Android 12 or also with Linux**. The player is usable as TV Box as well as Digital Signage Mediamer and MiniPC. The RK3588 is the currently most powerful ARM Prozessor and is on the level of an Intel Core i5 and is up to 10x faster than an RK3399.

The connection to the Appstore of Google gives you access to millions of Apps.

The player can be connected with suitable displays up to **4K/8K resolution** and display. With its **4/8/16GB DDR4 RAM** the player has a **very high performance** in video playback and the memory is less full than with the 2GB variants. The **32/64/128/256 GB SSD** offers enough space to store Digital Signage Content offline.

A digital SPDIF Audio output via a Cinema Sound system provides the best movie experience. The control can be done via an optional keyboard and mouse or via the remote control included in the delivery.

Models:

DS5Pro-4GB/32GB
DS5Pro-4GB/64GB
DS5Pro-8GB/32GB
DS5Pro-8GB/64GB
DS5Pro-8GB/128GB
DS5Pro-16GB/128GB
DS5Pro-16GB/256GB

Packaging content:

1 x 12V Power Supply
1 x HDMI® Cable
1 x User Manual + Color Box
1 x RK3588 Player
1 x Remote Control

Dimensions: 116x116x45mm

Processor	Rockchip RK3588	Rockchip RK3399
Market (main)	Single-board computer	Single-board computer
ISA	ARMv8-A (64-bit)	ARMv8-A (64-bit)
Microarchitecture	Cortex-A76, Cortex-A55	Cortex-A72, Cortex-A53
Family	RK3500	RK3300
Part number(s), S-Spec	RK3588	RK3399(K), RK3399 K
Release date	Q4 2021	Q1 2016
Lithography	8 nm LP	28 nm HKMG
Cores	8	6
Threads	8	6
Base frequency	1,8 GHz	1,5 GHz
Turbo frequency	2,4 GHz	2,0 GHz
Energy cores	4x ARM Cortex-A55 @ 1,8 GHz	4x ARM Cortex-A53 @ 1,5 GHz
High performance cores	4x ARM Cortex-A76 @ 2,4 GHz	2x ARM Cortex-A72 @ 2,0 GHz
Cache memory	3 MB	1,512 MB
Max memory capacity	32 GB	4 GB
Memory types	LPDDR4, LPDDR4X, LPDDR5	LPDDR3-1866, LPDDR4 SDRAM
Max PCIe lanes	4	4
TDP	12 W	7 W
GPU integrated graphics	ARM Mali-G610 MP4	ARM Mali-T860 MP4
GPU execution units	4	4
GPU shading units	64	64
GPU clock	600 MHz	600 MHz
GPU FP32 floating point	610,6 GFLOPS	81,6 GFLOPS
Socket	SoC	SoC
Drystone MIPS	131.342 DMIPS	32.600 DMIPS
AI accelerator	AI Accelerator, NPU 3.0	-
AI computing operations per	6 TOPS	-

seconds		
Crypto engine	-	AES 128/192/256, DES/3DES, SHA1/SHA256/MD5, PRNG, TRNG
Security	-	Trustzone
Max display resolution	8K@60fps	4K@60fps
Video decoding	H.265/H.264 8K@60fps, 4K@120fps	H.265/H.264 4K@60fps
Video encoding	H.265/H.264 8K@30fps	H.264 1080p@30fps
Max camera ISP	24 MP + 24 MP	-
Max video capture	Dual MIPI-CSI	-
Modem	1000Mbps RJ45 Ethernet	10/100/1000M Ethernet
Connectivity	USB 2.0, USB 3.1 Type-C, HDMI 2.1, PCIe 3.0	HDMI 2.0, USB 2.0, USB 3.0
Wi-Fi	Wi-Fi 2.4GHz/5GHz	-
Bluetooth	Bluetooth 4.2	-
Audio	PDM	I2S, PCM, SPDIF
PassMark CPU Mark	6.124	1.378
(Android 64-bit) Geekbench 4 single core	2.423	1.144
(Android 64-bit) Geekbench 4 multi-core	8.162	2.776
(Android) Geekbench 5 single core	508	269
(Android) Geekbench 5 multi-core	2.235	615
(SGEMM) GFLOPS performance	72,1 GFLOPS	23,9 GFLOPS
(Multi-core / watt performance) Performance / watt ratio	680 pts / W	397 pts / W

Attributes

Attribute	Value
Alternative Betriebssysteme:	Linux;
Arbeitsspeicher (RAM):	16
Betriebssystem:	Android 12



Part No.: 213055
Vendor Part No.: ALL-DS5Pro-16128

Attribute	Value
Bluetooth:	ja
Chipset:	RK3588
Einsatzbereiche:	indoor
Farbe Gehäuse:	schwarz
Hauptspeicher:	128
Kamera:	nein
Mobilfunk:	nein
Stromversorgung:	Netzteil
Weight:	0.37 Kg
Warranty:	12.00 Months

Accessories

Part No.	Name
210354	ALLNET PoE Splitter-Mini/Extractor / Gigabit / 24W / 5V/12V Switchable / ALL-PS102G-AF-AT
214123	ALLNET Air Mouse G10 Pro Remote Control 2.4GHz USB Dongle with Infrared