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APPLICATIONS



Smart Clock



WITMED



Movie ticket kiosk



Intelligent access control machine



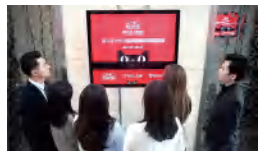
Treadmill



4K advertising player



Temperature measurement device



Smart elevator



Smart mirror



Autonomous deliveries robot



Self-service kiosk



Intelligent retail display rack

COMPANY



R&D Team
>100

Total
≥200

Found date
2012

Factory space
≥3000 m²

Service Field & Applications Scenarios
>60



Reception



R&D Department



Sales Department



Fully automatic assembly line



SMT



Moulding

COMPANY HONORARY QUALIFICATION



National High-tech Enterprise



ISO9001 certificate



ISO 14001 certificate



FCC Certificate



CE Certificate



Embedded system software certificate



SHENZHEN SUNCHIP TECHNOLOGY CO., LTD

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www.sunchip-tech.com

www.embeddedsystemboard.com

www.lcd-digitaldisplay.com

- ARM BOARD DESIGNER, LCD DIGITAL SIGNAGE MANUFACTURER •



Professional OEM/ODM Manufacturer for Android mainboard, 4K/8K Media Player Box and LCD Digital Signage in Shenzhen, China since 2012

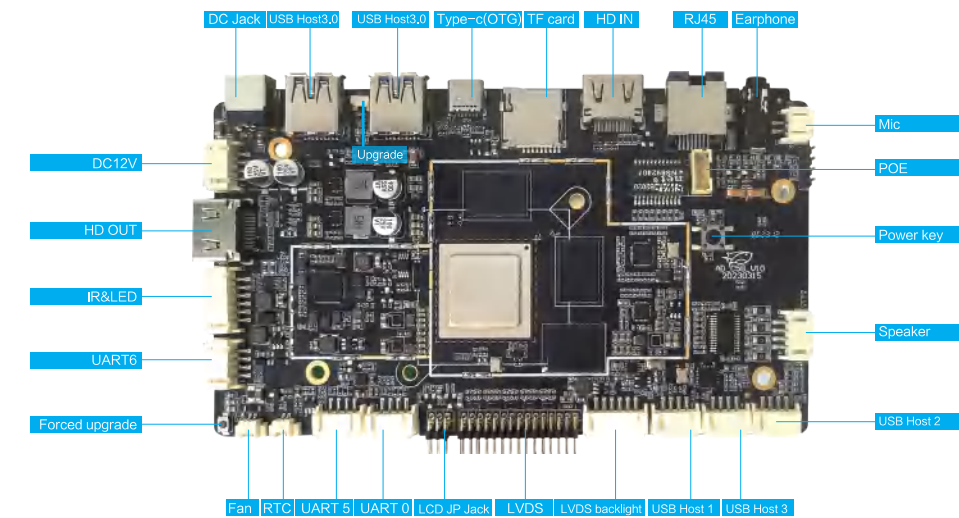
SERVICE ITEMS

- APP, APK development
- Embedded software engineering, Android SDK
- Linux SDK and device drive development
- PCBA design&assembly
- Hardware prototype design&build&testing
- Product schematic design, ID(industrial Design)&development
- Product validation
- Product BOM scrubbing
- Engineering to production transfer, pilot and mass production
- ODM manufacturing

WWW.SUNCHIP-TECH.COM

SHENZHEN SUNCHIP TECHNOLOGY CO., LTD

RK3588 EDGE COMPUTING DEVICE



AD-C58(ANDROID 12/ HARMONYOS/LINUX)

- CPU: RK3588 octa-core, 4*Cortex-A76 + 4*Cortex-A55, 2.4GHz
- Memory: DDR3 4GB/8GB (Optional), ROM 32GB/64GB/128GB (Optional)
- Display: LVDS/EDP/MIPI, Max. 8K,HDMI input, HDMI output
- Network: 1000M Ethernet, 802.11 ax/ac/a/b/g/n Wi-Fi + BT 5.0 (industrial WiFi-6 module)

AD-0160



- CPU: RK3588 Octa-core Cortex-A76+A55
- 8K video output
- Android 12
- Support Dual HDMI output, DP, HDMI IN, dual Ethernet, RS232,RS485, 4G, Audio, USB, speaker.



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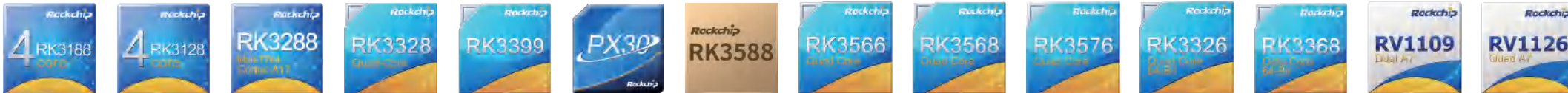
ARM BOARD

Customization is available

Motherboard												
Model#	C76	C58	C33P	C36	C05	C39	B03	K28P	B02P	Z33/Z33M	Z37/Z37M	K05
CPU	RK3576 Octa-core Cortex-A72 + A53	RK3588 Octa-core Cortex-A76+A55	RK3568 Quad-core Cortex-A55	RK3566 Quad-core Cortex-A55	RK3566 Quad-core Cortex-A55	RK3399 Hexa-core Cortex-A72 + A53	RK3399 Hexa-core Cortex-A72 + A53	RK3399 Hexa-core Cortex-A72 + A53	RK3288 Quad-core Cortex-A17	RK3288 Quad-core Cortex-A17	RK3288 Quad-core Cortex-A17	RKPX30 Quad-core Cortex-A35
GPU	Mali-G52	Mali-G610 MC4	Mali-G52	Mali-G52	Mali-G52	T860MP4	T860MP4	T860MP4	Mali-T764	Mali-T764	Mali-T764	Mali-G31 MP2
Main Frequency	2.2GHz	2.4GHz	2.0GHz	1.8GHz	1.8GHz	1.8GHz	1.8GHz	1.8GHz	1.8GHz	1.8GHz	1.8GHz	1.5GHz
RAM	2/4/8G	4/8/16G	2/4/8G	2/4G	2/4G	4G	4G	4G	2/4G	2/4G	2/4G	1/2G
ROM	32/64/128/256G	32/64/128/256G	16/32/64G	16/32/64G	16/32/64G	16/32/64G	16/32/64G	16/32/64G	16/32/64G	16/32/64G	16/32/64G	8/16/32G
Android (existing)	14	12/13	11	11/13	11/13	10/11	7.1/8.1/9.0/10	7.1/8.1/9.0/10	6/7.1/8.1/9.0/10	6/7.1/8.1/9.0/10	6/7.1/8.1/9.0/10	8.0
Android (optional)	-	14	12/13/14	12/14	12/14	12	11/12	11/12	11/12	11/12	11/12	-
Linux	-	✓	-	-	-	-	✓	-	✓	✓	✓	-
USB2.0/3.0	5/1	3/2	4/1	5/1	5/1	4/2	3/1	5/1	5/0	5/0	4/0	4/0
UART TTL	3	3	3	3	3	2	3	2	3	3	3	3
WIFI +BT	2.4G+5.8G	2.4G+5.8G(WIFI6)	2.4G+5.8G	✓	✓	2.4G+5.8G	2.4G+5.8G	2.4G+5.8G	✓	✓	✓	✓
Ethernet	10/100/1000M	10/100/1000M	10/100/1000M	10/100/M	10/100M	10/100M	10/100/1000M	10/100M	10/100M	10/100M	10/100M	10/100M
GPIO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POE	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
3G/4G LTE	Built-in	Dongle	Built-in	Built-in	Dongle	Dongle	Built-in	Dongle	Built-in	Built-in	Dongle	Dongle
Display Interface	LVDS/MIPI/EDP	LVDS/MIPI/EDP	LVDS/MIPI/EDP	LVDS/MIPI/EDP	LVDS/MIPI/EDP	LVDS/MIPI/EDP	LVDS/EDP	LVDS/MIPI/EDP	LVDS/EDP	LVDS/MIPI/EDP	LVDS/MIPI/EDP	LVDS/MIPI/EDP
HDMI	✓ (IN)	✓ (IN +OUT)	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
Memonry card slot	TF	TF	TF	TF	SD	TF	TF	SD	TF	TF	SD	SD
Power Supply	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V
Size	142.5*85.1	150.1*85.2	150.1*85.2	150.1*85.2	108*93	150.1*85.1	140*95	107.9*93	140*95	150*85	107.9*93	107.9*93
working temperature	-10℃ to 50℃											
laboratory temperature	-20℃ to 60℃											

Rockchip All Series of SOC solution R&D

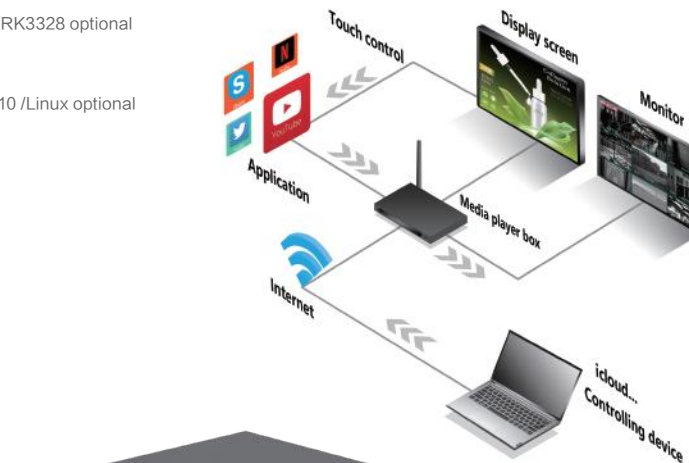
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AD-0150



- CPU: RK3399/RK3288/RK3328 optional
- 4K HDMI output
- 3G/4G LTE optional
- Android 6.0/7.1/8.0/9.0/10 /Linux optional



AD-0146

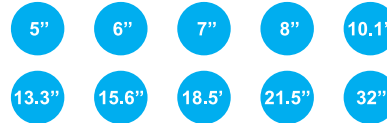


- CPU: RK3568 Quad-core 64 bits Cortex-A55 & 2.0GHz
- 2/4K video output
- Android 11
- Support USB2.0*2, USB3.0*2, RS232, LAN, 2*HDMI out, Audio, 4G LTE

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SKD PART FOR LCD DIGITAL SIGNAGE

- Support touch (Capacitive or IR touch)
- Android OS or Linux OS is available.
- RAM: 1GB/2GB/4GB optional
- ROM: 8GB/16GB/32GB/64GB optional
- Network: WIFI, Ethernet, 4G LTE optional
- Support RJ45, HDMI, USB, TF card reader, SIM etc.
- Material: Optional



LCD DIGITAL SIGNAGE



- Android OS or Linux OS
- Support touch (Capacitive or IR touch)
- Support POE optional
- RAM: 2G/4G optional
- ROM: 8G/16G/32G optional
- Network: WIFI, Ethernet, 4G LTE optional
- Material: Plastics

Customization is available

