

Jetway Historic Development

Reliable & High-quality IPC Products

2006

Jetway has been engaging in the development IPC industry for 13 years. From design, development, testing & debugging period to the production assembly, we are resolved to maintain the high quality and reliability we proud of with consistent rigorous attitude and strict requirements.



Experienced Engineer Team

2007

In the respect of X86 development, our RD team is consist of Hardware engineers with more than 18 years of design experiences, Fireware engineers and Test engineers of more than 15 years of experiences. With experiences accumulated on such a long history, we have developed a complete and strict system for product design and debugging.



Engagement in ARM Product Development

2015

With experience and mature system developed through IPC development, Jetway is is optimistic to the fact that ARM architecture products will be widely used in the coming future. In 2015, Jetway set foot in the field of ARM solution products.



Long-term Supply

2016

Among all the possible ARM product options, Jetway finally With rigorous comparisons in specs & features, product supply and technical support among all the possible ARM product options, Jetway finally choose the Rockchip solution as the focus development product, with consideration of the overwhelming advantages of Rockchip solutions in stability, quick technical support , reasonable prices and long-term supply.



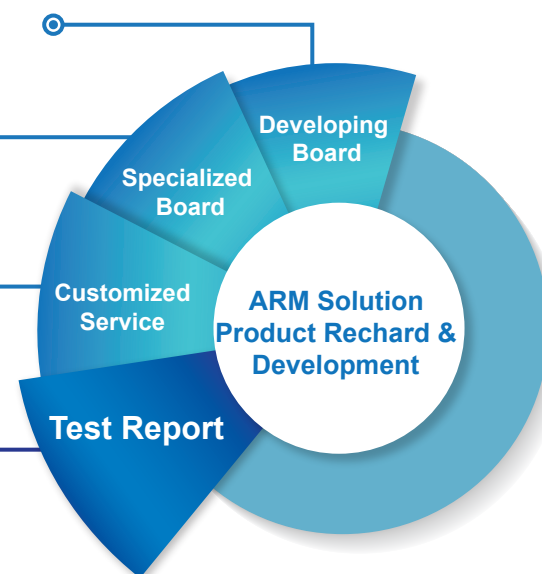
Professional Software Team

Jetway ARM RD team is consist of one Ph.D expert, 3 hardware engineers and 5 firmware engineers with a average of 14 years working experiences. At present, the product design & development is basically carried out around Rockchip RK3288/ RK3328/ RK3128/ RK3399/PX30 SoC.



Advantage of Jetway

- Developing Board** Non-Flash products or product versions using Micro SD card is suitable for startup companies, schools teaching and further application development.
- Specialized Board** Onboard Flash version is suitable for customer appeal for complete solutions with one-stop service without needs of purchasing DRAM & flash, ect. Jetway also provides barebone system solutions in additions to single board solution.
- Customized Service** OEM/ODM services available. Jetway is capable of providing complete solutions for our customers with strict manufacturing regulations and attitude. The flexible assembly line of the factory can provide totally one-stop system assembly service
- Test Report** Provide complete safety regulations and test reports, as well as MTBF (Means Time Between Failures) report.



ARM Product Blueprint

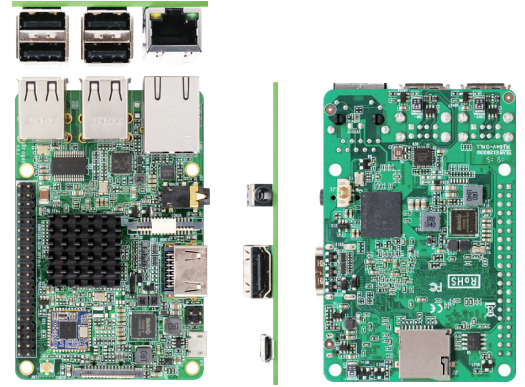
ARM Supported OS List

	2017	2018	2019
Performance	JARMR3288W-2N R3288 / 3.5" Onboard DDR3L 2G & 8GB Flash HDMI/ LVDS/ eDP/ mPCIe/ RS232	JR3288WCPB-2N R3288 / 1.8" Onboard DDR3L 2GB & 8GB Flash MIPI CSI/ MIPI DSI (Core plate board)	JR3128-1N R3128 / PICO Onboard DDR3L1GB & 8GB Flash HDMI/ LVDS/ SIM card / mPCIe
	JARMR3288WM-2N R3288 / 3.5" Onboard DDR3L 2G & 8GB Flash HDMI/ LVDS/ eDP/ MIPI DSI/ mPCIe/ RS485	JR3328-DG2N R3328 / 1.8" Onboard DDR3L 2GB & 8GB Flash HDMI/ 1*LAN/ 1*USB3.0/ 2*USB/ MIPI CSI	JR3288A-DG2N R3288 / 1.8" Onboard DDR3L 2GB , Micro SD, 8GB Flash HDMI/ 1*LAN/ 4*USB/ MIPI CSI/ MIPI DSI
Main Stream		JR3328-DG2NL R3328 / 1.8" Onboard DDR3L 2GB & 8GB Flash HDMI/ 2*LAN/ 2*USB/ MIPI CSI	JR3288LC-2N R3288 / 120x72mm Onboard DDR3L 2GB , Micro SD, 8GB Flash HDMI/ LVDS/ eDP/ MIPI CSI/ MIPI DSI
		JR3328B-2N R3288 / uTX Onboard DDR3L 2GB & 8GB Flash HDMI/ 2*LAN/ Micro SD/ 1*mSATA/ 1*SATA2	JR3399L-4C RK3399/3.5" Onboard DDR3L 4GB & 16GB Flash HDMI/ HDMI-IN/ 2*LAN/ Type-C/ 4*USB3.0

SKU	Android	Linux
RK3128	5.1	
RK3288	5.1	Debian 9.0
RK3328	7.1	
RK3399	7.1	Debian 9.0

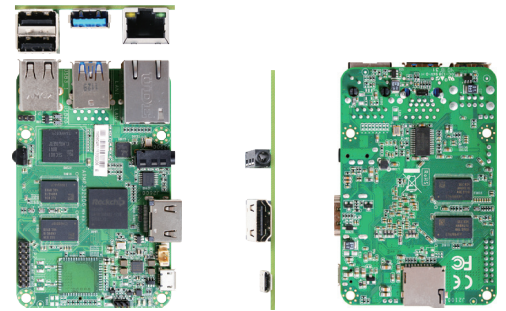
JR3288A-DG2N • JR3288A-DG2X 1.8" Business card size, 26-bits extensible GPIO Module

Size	1.8" Form Factor (85 x 56mm)
CPU	RK3288 Cortex A17 1.8GHz Quad Core processor
Memory/Flash	JR3288A-DG2N: Onboard 2GB DDR3L DRAM, Micro SD socket / 8GB Flash ROM
Memory/Flash	JR3288A-DG2X: Onboard 2GB DDR3L DRAM, Micro SD socket / No Flash
Display	HDMI (1920*1080@60Hz) MIPI DSI (1920*1080@60Hz)
Side I/O	1* RJ45, 4* USB2.0, 1* Micro SD socket
Rear I/O	1* HDMI, 1* OTG (Co-lay 5V DC Jack), 1* Audio
Internal I/O	26-bits GPIO, I2C, MIPI CSI, MIPI DSI
Power	5V DC-in
OS	Support Android 5.1, Linux Debian 9.0



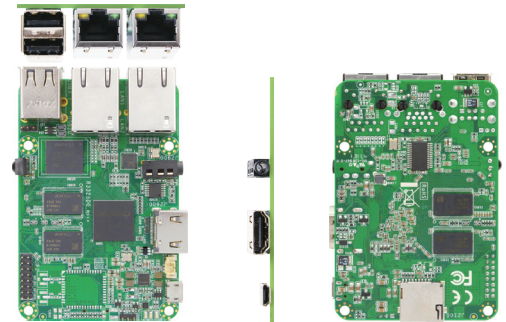
JR3328-DG2N 1.8" Business card size, 10-bits extensible GPIO Integration Module

Size	1.8" Form Factor (85 x 56mm)
CPU	RK3328 Cortex A53 1.5GHz Quad Core processor
Memory/Flash	On board 2GB DDR3L DRAM and 8GB eMMC
Display	HDMI (3840*2160@60Hz)
Side I/O	HDMI, 1* OTG, 1* Audio
Rear I/O	1* RJ45, 1* USB3.0, 2* USB2.0
Internal I/O	10-bit GPIO, Micro SD
Power	5V DC-in
OS	Support Android 7.1



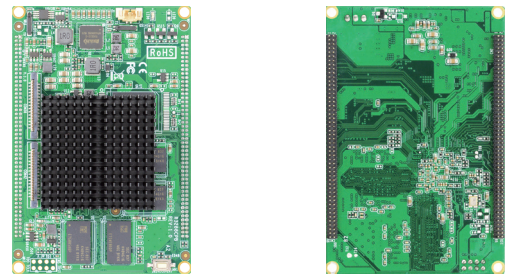
JR3328-DG2NL 1.8" Business card size, Digital Signage Application

Size	1.8" Form Factor (85 x 56mm)
CPU	RK3328 Cortex A53 1.5GHz Quad Core processor
Memory/Flash	On board 2GB DDR3L DRAM and 8GB eMMC
Display	HDMI (3840*2160@60Hz)
Side I/O	HDMI, 1* OTG, 1* Audio
Rear I/O	2* RJ45, 2* USB2.0
Internal I/O	10bit GPIO, Micro SD
Power	5V DC-in
OS	Support Android 7.1



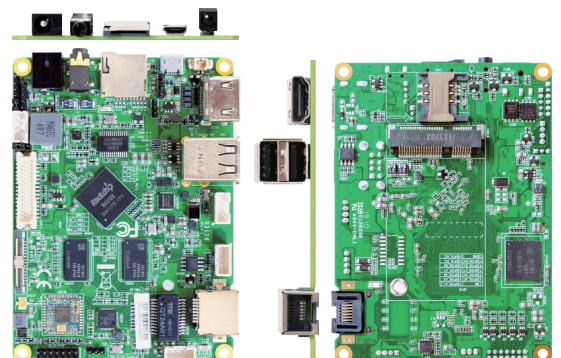
JR3288WCPB-2N CPU Core Board, 2* 100-pin headers suitable for different functional specifications and sizes of the load board designs

Size	1.8" Form Factor (85 x 56mm)
CPU	RK3288 Cortex A17 1.8GHz Quad Core processor
Memory/Flash	On board 2GB DDR3L DRAM / 8GB eMMC
Display	MIPI DSI (1920*1080@60Hz)
External I/O port	N/A
Internal I/O	2* 100pin Function headers
Power	12V DC-in
OS	Support Android 5.1, Linux Debian 9.0



JR3128-1N 2.5" Pico size, 3* display interfaces, high performance graphics and video processors

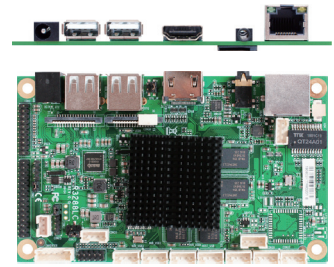
Size	2.5" PICO Form Factor (100 x 72mm)
CPU	RK3128 Cortex A7 1.2GHz Quad Core processor
Memory/Flash	On board 1GB DDR3L DRAM / 8GB eMMC
Display	HDMI (1920*1080@60Hz), LVDS (1280*800@60Hz)
Side I/O	1* Micro SD, 1* OTG, 1* Audio, 1* DC jack
Rear I/O	1* HDMI, 2* USB2.0, 1* RJ45
Internal I/O	1* USB2.0, 1* RS232, Speaker, CiF, LVDS, 1* MINI PCI-E (USB interface), 10bit GPIO
Power	12V DC-in
OS	Support Android 5.1



JR3288LC-2N 120 * 72mm SBC size, support dual display

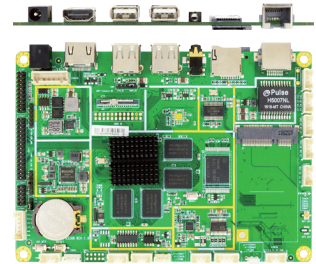


Size	120 x 72mm
CPU	RK3288 Cortex A17 1.8GHz Quad Core processor
Memory/Flash	On board 2GB DDR3L DRAM / 8GB Flash ROM
Display	HDMI (1920*1080@60Hz), LVDS (1920*1080@60Hz), eDP (2560*1600@60Hz), MIPI DSI (2560*1600@60Hz)
External I/O	1* HDMI, 2* USB2.0 (USB1 Co-lay OTG), 1* RJ45, 1* Micro SD, 1* Audio, 1* DC Jack
Internal I/O	4* USB2.0, 4* UART (TTL, UART4 Co-lay RS232/RS485), 1* LVDS, 1* eDP, 1* MIPI CSI, 1* MIPI DSI, 1* IR, 4bit GPIO, Speaker, 1* I2C
Power	12V DC-in
OS	Support Android 5.1, Linux Debian 9.0



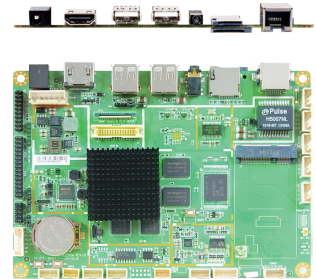
JARMR3288W-2N 3.5" standard size, support variety of different functional interfaces

Size	3.5" Form Factor (148 x 102mm)
CPU	RK3288 Cortex A17 1.8GHz Quad Core processor
Memory/Flash	On board 2GB DDR3L DRAM / 8GB eMMC
Display	HDMI (1920*1080@60Hz), LVDS (1280*1200@60Hz), eDP (2060*1600@60Hz)
External I/O port	1* HDMI, 2* USB2.0 (USB2 Co-lay OTG), 1* RJ45, 1* Micro SD, 1* SIM Card socket, 1* Audio, 1* DC-in jack
Internal I/O	4* USB2.0, 3* RS232 (RX/TX), Speaker, 1* eDP, 1* LVDS, 1* MIPI CSI, 1* Mini PCIe (USB interface), 4bit GPIO, WIFI/BT (option)
Power	12V DC-in
OS	Support Android 5.1, Linux Debian 9.0



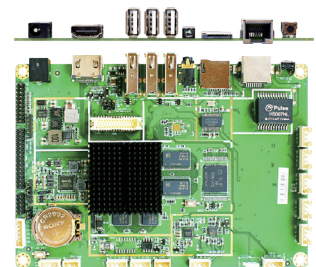
JARMR3288WM-2N 3.5" SBC standard size, support variety of video interfaces

Size	3.5" Form Factor (148 x 102mm)
CPU	RK3288 Cortex A17 1.8GHz Quad Core processor
Memory/Flash	On board 2GB DDR3L DRAM / 8GB eMMC
Display	HDMI (1920*1080@60Hz), LVDS (1280*800@60Hz), eDP (2060*1600@60Hz), MIPI DSI (1920*1080@60Hz)
External I/O	1* HDMI, 2* USB2.0 (USB2 Co-lay OTG), 1* RJ45, 1* Micro SD, 1* SIM Card socket, 1* Audio, 1* DC-in jack
Internal I/O	4* USB2.0, 1* RS232 (RX/TX), 2* RS485, Speaker, 1* eDP, 1* LVDS, 1* MIPI CSI, 1* MIPI DSI, 1* Mini PCIe (USB interface), 4bit GPIO, WIFI/BT (option)
Power	12V DC-in
OS	Support Android 5.1, Linux Debian 9.0



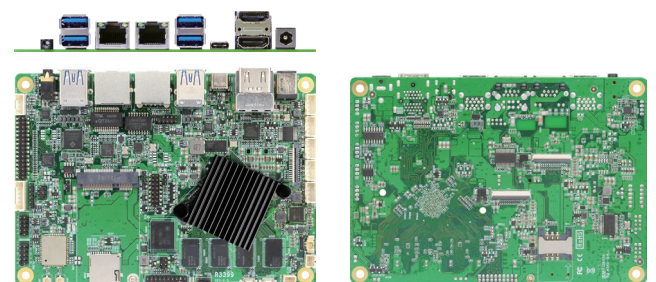
JARMR3288WF-2C 3.5" SBC standard size, Face Recognition Application

Size	3.5" Form Factor (148 x 102mm)
CPU	RK3288 Cortex A17 1.8GHz Quad Core processor
Memory/Flash	On board 2GB DDR3L DRAM / 8GB eMMC
Display	HDMI (1920*1080@60Hz), LVDS (1920*1200@60Hz), eDP (2560*1600@60Hz)
External I/O	1* HDMI, 3* USB2.0 (USB3 Co-lay OTG), 1* RJ45, 1* Micro SD, Audio, 1* DC Jack
Internal I/O	3* USB2.0, 2* UART (RX/TX), Speaker, 1* eDP, 1* LVDS, 4bit GPIO
Power	12V DC-in
OS	Support Android 5.1, Linux Debian 9.0



JR3399L-4C 3.5" SBC standard size, High-end RK3399 processor

Size	3.5" Form Factor (148 x 102mm)
CPU	RK3399 Cortex A72 +A53 2.0GHz 6 Core processor
Memory/Flash	On board 4GB DDR3L DRAM / 16GB eMMC
Display	HDMI (3840*2160@60Hz), LVDS (1920*1200@60Hz), eDP (4096*2304@60Hz), MIPI DSI (2560*1600@60Hz), USB Type C (4096*2304@60Hz)
External I/O	1* HDMI-in (Option), 1* HDMI, 4* USB3.0, 2* RJ45, 1* USB Type C, Audio, 1* DC Jack
Internal I/O	6* USB2.0, 1* RS232 (RX/TX), 1* RS485, 2* TTL, Speaker, 1* eDP, 1* LVDS, 1* MIPI CSI/2* DSI, 1* Mini PCI-E (USB interface), 8bit GPIO, 1* Micro SD, 1* SIM Card socket, WIFI/BT(option)
Power	12V DC-in
OS	Support Android 7.1, Linux Debian 9.0



HBJC921R3288-2N Computing System



Size	3.5" SBC Form Factor
CPU	Rockchip ARM Cortex A17 RK3288 1.8GHz Quad core
Memory/Flash	Onboard 2GB DDR3L DRAM (Max 4GB) Onboard 8G Flash ROM (Max 32GB)
Rear Panel I/O	1* RJ45, 1* HDMI, 1* Audio Jackm, 1* USB2.0, 1* OTG(Option USB2.0), 1* RS485, 1* Micro SD Socket, 1* Power button, 1* SIM Card Socket, 1* 12V DC-Jack
Front Panel I/O	2* Antenna hole, 1* Total switch control
Power	DC12V-5.0A, AC 90~240V input
Dimensions	190 x 115.0 x 22mm
O.S Support	Android 5.1, Linux Debian 9.0
Life Cycle	Till 2023 Q1



HBJC923R3328DG2NL Computing System

Size	1.8" SBC Form Factor
CPU	Rockchip ARM Cortex A53 RK3328 1.5GHz Quad core
Memory/Flash	Onboard 2GB DDR3L DRAM (Max 4GB) Onboard 8G Flash ROM (Max 32GB)
Rear Panel I/O	2* RJ45, 2* USB2.0, 1* HDMI, 1* Audio Jack, 1* OTG (Co-lay DC IN), 1* Micro SD Socket
Front Panel I/O	N/A
Power	DC 5V-3.0A, AC 90~240V input
Dimensions	94.4 x 60.5 x 33.6mm
O.S Support	Android 7.1
Life Cycle	Till 2022 Q1



HBJC923R3328DG2NS Computing System

Size	1.8" SBC Form Factor
CPU	Rockchip ARM Cortex A53 RK3328 1.5GHz Quad core
Memory/Flash	Onboard 2GB DDR3L DRAM (Max 4GB) Onboard 8G Flash ROM (Max 32GB)
Rear Panel I/O	1* RJ45, 1* USB3.0, 2* USB2.0, 1* HDMI, 1* Audio Jack, 1* OTG (Co-lay DC IN), 1* Micro SD Socket
Front Panel I/O	N/A
Power	DC 5V-3.0A, AC 90~240V input
Dimensions	94.4 x 60.5 x 33.6mm
O.S Support	Android 7.1
Life Cycle	Till 2022 Q1



FRG1-3288S • FRG2-C3288 Face Recognition System

Size	7" Face Recognition System
CPU	Rockchip ARM Cortex A17 RK3288 1.8GHz Quad Cores
Memory/Flash	Onboard 2GB DDR3L DRAM (Max 4GB) Onboard 8G Flash ROM (Max 64GB)
Display	400 cd/m ² brightness
Resolution	800 x 1280@ 60Hz
Contrast Ratio	800:1
Cable	1* USB2.0, 1* OTG, 1* RJ45 (10/100/1000Mbps Ethernet), 1* DC Jack, 1* Switch Control (3Pin Cable)
Power	100 ~ 240V AC-DC 60W power adapter or 12V DC with over current protection fuse
Dimensions	221.0 x 120.0 x 36.0 mm
O.S Support	Android 5.1, Linux Debian 9.0
Life Cycle	Till 2023 Q1



HPC215B-3288AC Panel PC

Size	21.5" Panel PC
CPU	Rockchip ARM Cortex A17 RK3288 1.8GHz Quad Cores
Memory/Flash	Onboard 2GB DDR3L DRAM, Onboard 16G Flash ROM
Display	500 cd/m ² brightness
Resolution	1920 x 1080@ 60Hz
Contrast Ratio	1000:1
Cable	2* USB2.0, 1* OTG, 1* RS232, 1* HDMI, 1* Gigabit LAN, 1* Micro SD, 1* Locking Jack 9~36V DC-in
Power	100 ~ 240V AC-DC 60W power adapter or 12V DC with over current protection fuse
Dimensions	512 x 308 x 53.5mm
O.S Support	Android 5.1, Linux Debian 9.0
Life Cycle	Till 2023 Q1



Jetway Information Co., Ltd.

9F., No.207, Sec. 3, Beixin Rd., Xindian Dist., New Taipei City 23143, Taiwan

Tel: +886-2-89132711 Mail: support_team@jetway.com.tw

China - Dongguan Branch

No. 605, 8th Commercial Office Building, Vanke Center, Changqing South Road, Changan, Dongguan City, 511700, China

Tel: +86-769-2101-8010 Mobile: +86-138-2880-2876 Mail: support_team@jetway.com.tw

USA - Jetway Computer Corp.

8058 Central Ave, Newark, CA 94560, USA

Tel: +1-510-857-0130 Mail: sales@jetwaycomputer.com



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www.jetwayipc.com