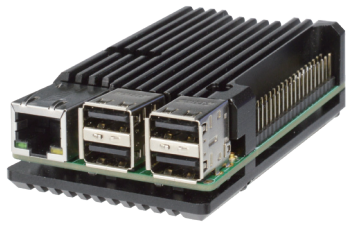
Quick Installation Guide



Notice:
The photos in this file are for illustration purpose only. The model may not be the latest version. Please refer to the product you purchased for actual specification.

Feature of the System

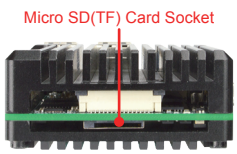
- Rockchip® ARM Cortex A17 RK3288 Quad-core 1.8GHz
- Onboard 1333 /2GB DDR3L DRAM
- Onboard 8G Flash ROM (Max 64G)
- 1* Realtek® Gigabit LAN, 1* 802.11b/g/n 2.4G WIFI and BT-V4.0
- 4* USB2.0 , 1* OTG, 26bit GPIO, 1* HDMI, 1* Audio Port
- Support 1* Micro SD Socket (Max. 64G)
- Support Android 5.1, Linux Debian 9.0
- 5V DC-in

Specifications

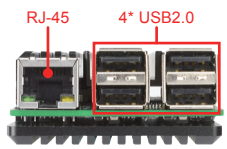
Model	***HBJC924R3288DG2NS***
Motherboard	JR3288A-DG2N (1.8" SBC)
CPU	Rockchip® ARM Cortex A17 RK3288 Quad-core 1.8GHz SoC Processor
Memory	2GB/1333MHz DDR3L
Storage	8GB Flash (Max 64GB)
Network	- 1* REALTEK RTL8211E-VB Gigabit LAN - 1* REALTEK RTL8723BS 802.11b/g/n 2.4G WIFI and BT-V4.0
External I/O	- 1* RJ45 - 4* USB2.0 - 1* Micro SD card socket - 1* OTG/5V DC-in - 1* HDMI (Max Resolution: 1920x1080@60Hz) - 1* Audio Line-out
Internal Connector	- 26bit GPIO, 1* I2C - 1* MIPI DSI - 1* MIPI CSI
Power Source	- DC 5V-3.0A - AC 100~240V input
Dimensions	- Operating Temperature: -10 ~ 60° C - Storage Temperature: -20 ~ 65° C
OS Support	Android 5.1, Linux Debian 9.0

Product Diagram

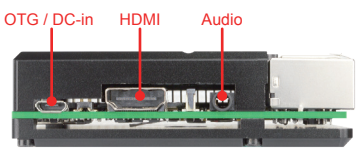
Front IO View



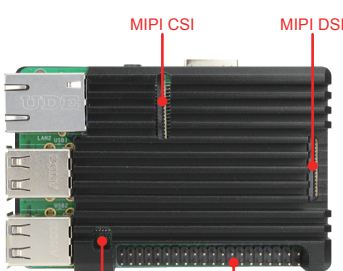
Rear IO View



Side Views



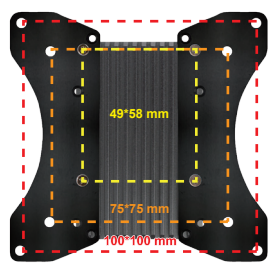
Top Views



How to Install VESA Mount Racks

1. Place the system upon a flat operation platform with this side up, as the photo shows. Remove the screws in the marked spots.

2. Find a pair of VESA mounts racks in the accessories package. The screw holes in the marked spots should be aligned to corresponding screw holes of the system.



3. Find the mounting racks from the accessories package. Align the racks to the back cover of the chassis until the screw holes matched, as the photo shows. Lock the racks to the chassis by reassembling the screws removed before to their original spots.

***Note:** the VESA mount racks support 75*75 mm/100*100mm installation specifications.*

Item Check List

☑ Power Core ☑ 5V/15W Power Adapter ☑ M/B User's Manual
☑ Quick Installation Guide ☑ VESA Mount rack * 2

1. Micro interface，5V 3A Interface to power the product
2. HDMI interface，Connect the display to play video
3. 3.5mm AUX interface

1. USB ports can be used to transfer data
2. Network port connected to wired network

Interface to insert SD card to read and store data

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.