D039 Series
Simple User's Guide Rev 1.0

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Thank you for supporting environmental protection and energy saving!

Ver: 1.0
Date: Oct. 2019
P/N:

Package Checklist

Thank you for choosing our products. Before using your product, please make sure your packaging is complete, if there have been damaged or you find any shortage, please contact your agency as soon as possible.

- ☐ The Machine x 1
- ☐ Simple User's Guide x 1
- ☐ Power adapter x 1
- ☐ WiFi antennas x 2

Product Configuration

Processor	- Rockchip 3399 Dual Cortex-A72 + Quad Cortex-A53
Graphics	- Mali-T864
Memory	- LPDDR4 2G/4G
Storage	- eMMC 16G/32G/64G
Dispaly Connectors	- 1 x HDMI2.0 support CEC
WIFI/BT	- AP6356S 802.11 ac/b/g/n WIFI+BT4.1
Front I/O	- 1 x POWER LED - 1 x IR LED
Rear I/O	- 1 x DC_IN - 1 x RJ45 - 1 x HDMI2.0 - 1 x TYPE-C - 2 x Antenna - 1 x Audio(Line in&Line out 2 in 1 3.5mm jack)
Left I/O	- 1 x USB3.0 - 3 x USB2.0 - 1 x POWER BUTTON - 1 x TF slot
Power input	- 12V DC_IN
Dimensions	- 128(L)*128(W)*30mm(H)
Operating systems	- Android,Ubuntu

Adaptor：
WA-36A12R 12VDC 3.0A
Manufacturer：Asian Power Devices Inc.

KPL-040F-VI 12VDC 3.33A
Manufacturer ：Channel Well Technology Co., Ltd.

Frequency Range (For EU Only):

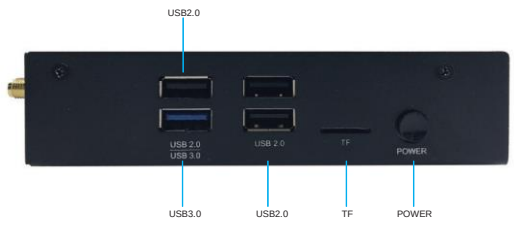
BT:2402MHz-2480MHz@8.23dBm

2.4G Wi-Fi:2412MHz-2472MHz@19.69dBm

5G Wi-Fi: 5150MHz -5825MHz@16.2dBm

External View

Rear IO



Note: This illustration is for reference only, which may be defferent from the material object.
The definition of all the jumpers and sockets which are marked in the above picture, please refer to the following "Interface Instructions" part.

Interface Instructions (Please refer to the "*External View*" above)

- POWER LED: This is a PWR status indicator
- IR LED: Infrared LED
- DC_IN: DC Power interface
- LAN: RJ-45 network connector
- HDMI:High-definition multimedia display interface
- TYPE-C: TYPE-C interface
- USB 2.0: USB 2.0 connector, backwards compatibility USB 1.1
- USB 3.0: USB 3.0 connector, backwards compatibility USB 2.0/1.1
- WIFI:WiFi antenna interface
- POWER BUTTON:Pressing the power button, the machine is turned on
- Audio(Line in&Line out): Source input and output
- TF: TF slot

Security Tips

For using computer safely and effectively, please read the following carefully before using:

- To avoid electric shock or product damage, each time you connect (not Plug-and-play) devices, please turn off the AC power.
- Avoid using this product under temperature is too high or too low (Required temperature is as following: Storage temperature: -20~70 Celsius; Operating temperature: -0~45 Celsius; humidity: 10%~95%).
- Do not use a damp cloth to clean your computer and prevent liquid dropping into the computer causing burns.
- In order to avoid frequently switching the machine to cause unnecessary damage to the product, after shutting down, you should wait at least 30 seconds for power-on again.
- To prevent product damage and malfunction, avoid strong shock and vibration to the product.
- Please don't move the product before the AC power is unplugged.
- Don't disassemble the machine on your own under any circumstance. For security purpose, please contact the person who is qualified and professional in this regard to deal with malfunction.

Toxic and hazardous substances or elements logo

Toxic and hazardous substances or elements logo:

Carried out under the Ministry of Information Industry of the People's Republic of China released the <<Electronic Information Products Pollution Control Management Measures >> SJ/T11364-2014 standard requirements, pollution control identification of the products and toxic and hazardous substances or elements of identity are described below:

Toxic and hazardous substances or elements logo:

The names and contents of toxic and hazardous substances or elements in the product

Coarse Classification	Chemical Substance Table									
	Pb	Hg	Cd	Cr+6	PBB	PBDE	DEHP	BBP	DBP	DIBP
PCB Board	X	O	O	O	O	O	O	O	O	O
Structure	O	O	O	O	O	O	O	O	O	O
Chipset	O	O	O	O	O	O	O	O	O	O
Connector	O	O	O	O	O	O	O	O	O	O
Passive electronic components	X	O	O	O	O	O	O	O	O	O
Weld metal	X	O	O	O	O	O	O	O	O	O
Wire	O	O	O	O	O	O	O	O	O	O
Help welding,thermal grease, labels and other supplies	O	O	O	O	O	O	O	O	O	O

*: PCBA consisted of bare printed circuit board, soldering and its surface-mounted elements, such as resistors, capacitors, arrays, connectors, chips, etc.
NOTE 1: The "O" indicates that the percentage content of the substance to be calculated is not exceeding the reference percentage content of EU RoHS directive (2011/65/EU & EU 2015/863).
NOTE 2: The "exempted" item means that the specified chemical substance corresponds to the items exempted by
the EU RoHS directive (2011/65/EU & EU 2015/863).

1. Safety Information

Read and understand all instructions before using this product. If damage is caused by failure to follow the instructions, the warranty does not apply.

1.1 Warning

To reduce the risk of electric shock, DO NOT remove the cover (or back).

DO NOT attempt to repair the product, this could lead to the risk of injury, damage to the product .

To reduce the risk of fire or electric shock, keep this product away from exposed direct sunlight, naked flames or heat, large amounts of moisture, dust, and sand.

1.2 CAUTION

Risk of explosion if the battery is replaced by an incorrect type;

disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;

leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;

a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

2.FCC Note (for U.S.A)

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 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.
- Consult the dealer or an experienced radio/TV technician for help.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment. The distance between user and products should be no less than 20 cm.

3. ISED statement (for Canadian users)

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This device complies with RSS 247 of Industry Canada. This Class B device meets all the requirements of the Canadian interference-causing equipment regulations.

Cet appareil numérique de la Classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems.

les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux radiations IC CNR-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

CAN ICES-003(B)/NMB-003(B)

4.UK and CE compliance statement

Operating authorizations must exist to operate the product in the following member states of the European Union, refer to the table below.

UK

AT	EE	IE	NO	SE
BE	FI	IT	PL	CH
BG	FR	LV	PT	NL
HR	DE	LI	RO	NI(UK)
CY	EL	LT	SK	
CZ	HU	LU	SI	
DK	IS	MT	ES	