

Getting Started with Orange Pi i96

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Getting Started

Learn about your Orange Pi i96 board as well as how to prepare and set up for basic use

Setup - What you will need

Need

- [Orange Pi i96](#)
 - Board based on the RDA8810PL ARM Cortex-A5
- TF Card (microSD Card)
 - 8GB or bigger ; class 10. Branded TF cards which are much more reliable are the good choice
- Power Adapter
 - At least 5V/2A high quality power adapter, OTG could use as power supply.
- USB Keyboard and Mouse
 - Any keyboard and mouse with USB port is applicable; Keyboard and mouse are high-power, so a USB concentrator is required.
- TTL to USB cable
 - Support debug log in

Out of the Box

The following subsections should describe how to get started with the Orange Pi

i96 using the release build shipped with the boards. The Orange Pi i96 board is ready to use “out of the box” with a preinstalled version of the Debian Linux distribution.



Features and User Manual

Component	Description
SoC	RDA8810PL ARM Cortex-A5 32bit
GPU	Vivante GC860 3D GPU
RAM	Integrated 256MB LPDDR2 SDRAM
Storage	TF card / Integrated 500MB 8Bit 1.8V 4K SLC Nand Flash
Wireless	RDA5991, WIFI+BT
USB	One USB 2.0 HOST, One USB 2.0 OTG
Camera	MIPI CSI-2 Connector for camera sensor up to 2MP
Expansion	40 Pins Header

Interface	
LED	Power led
Button	Power Button(SW602)
Power Source	USB OTG input can supply power / Battery input can supply power(Optional)
OS Support	Android, Ubuntu, Debian, etc.
Size	60mm x 30mm

For more information and instructions on how to get started with the Orange Pi i96, please take a look at the [Hardware User Manual](#)

What's Next?

If you are already familiar with the Orange Pi i96 board and would like to change out the stock operating system or dig through more resources, please proceed to one of the following pages:

- [Downloads page](#): This page lists all Linaro and 3rd party operating systems available for Orange Pi i96
- [Installation page](#): If you already have the images you need, this page has information on how to install the different operating systems onto your Orange Pi i96 board
- [Support](#)
 - From bug reports and current issues, to forum access and other useful resources, we want to help you find answers

Back to the [Orange Pi i96 documentation home page](#)

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