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## **Product Description**

Orange Pi is a brand of single board computers made for embedded enthusiasts. Powered by the Quad Core Allwinner H3, this board is capable of 4K Hardware H265 Decoding, OpenGL ES, and much more. It runs at a blazing fast 1.3GHz and outclasses the Raspberry Pi 2 while rivaling the Raspberry Pi 3.

Make sure to purchase a high quality 2A power supply. Many power supplies rated 2A will only deliver 0.5A or less! See B01CMZ96EG

Software: Please use the Armbian images found on http://www.armbian.com/ or http://share.loverpi.com/downloads/opi/pc/ They provide the latest community images based on Debian. Do not use the Raspbian image from Raspberry Pi as it is not compatible. Raspbian does not have out of the box support for any board other than Raspberry Pi. Raspbian images for the Orange Pi are based on ARMv6 older code and runs slower on ARMv7 chips like the Allwinner H3.

Raspberry Pi is a trademark of the Raspberry Pi Foundation.

## **Product Information**

#### **Technical Details** Collapse all Other Technical Details **Brand Name** Orange Pi LYSB018W6OTIM-ELECTRNCS Item model number Item Weight 0.3 ounces **Product Dimensions** 5 x 1 x 3 inches Itam Dimensions I v W v H 5 v 1 v 3 incho

## Additional Information

ASIN	B018W6OTIM
Customer Reviews	21 customer reviews 3.4 out of 5 stars
Best Sellers Rank	#3,863 in Computers &  Accessories (See top 100)
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ITCH DIMENSIONS F Y AA Y 11	O V I V O IIICIICO
Voltage	5 volts

	& Accessories > Computers & Tablets
Shipping Weight	0.3 ounces (View shipping rates and policies)
Date First Available	December 3, 2015

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## Warranty & Support

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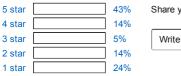
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## **Customer Questions & Answers**

See questions and answers



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## **Top Customer Reviews**

#### Too much FUD!

By MCLMM on March 17, 2016

#### Verified Purchase

A lot of hate for these boards... wow. So here is the deal, the OPi PC is exactly what it is:cheap, powerful and unloved by most.

The Allwinner H3 is a super budget processor, but the board has some pretty impressive features for the price... it does not have the huge following and commercial development that the Raspberry Pi has behind it, but the support that is out there is good. Anyone that says you will "never" get Linux working on it is dead wrong (hardware accelerated graphics... another story!)

Here are some tips, common mistakes that people make and things to help you get it running...

- 1. Get a \*good\* SD card... spend two bucks more and get a Class 10 card from a reputable company. Samsung is a good choice.
- 2. If you are using Windoze to prep the card, format with SDFormatter and write the image with Rufus.
- 3. Make sure you have decent power... don't rely on some POS wall-wart you found tangled in a drawer, only because the plug fits.
- 4. When you try to boot it, wait a while... seriously, give it a few minutes before you decide it ain't working.
- 5. If lights are flashing and it seems like it is booting up but there is nothing on the monitor/tv well, it probably is booting up but there is nothing on the monitor/tv. You might have to SSH into the system and configure the display... if you are using Windoze, get "putty" and find the OPi IP from your router
- 7. ONLY USE A CAT 5 HARD WIRE NETWORK CONNECTION TO GET THINGS WORKING! Matter o'fact... if you have an OPi board with built in wireless, forget about it... get a Priest to try to exorcise the built in wireless, buy a USB WiFi adapter and deal with it.

7a - Edited 07/25/16 - Use the Linux image from armbian. Read more >



Comment abuse

25 people found this helpful. Was this review helpful to you? Yes No



Awesome value! See how to get up and running easily in this review

By David Albert on March 29, 2016

#### **Verified Purchase**

An amazing value and a great vendor (excellent support).

NOTE: Amazon now strips all non-amazon links even if they are just useful information about how to use the product. You any links are missing, you can find them on my blog post about the OPi PC at dalbert.net. Search (upper right corner) for Orange Pi.

Getting up and running took me a lot of time, but once you know how, it's easy peasy. I'll describe what you need in this review so you can have a smooth out-of-box experience. Documentation for these boards is lacking, but there is an extremely active user community and most of the negative reviews and comments you'll see about the OPi no longer apply. You will need the following:

- \* Good 5v/2A power supply with 4mm x 1.7mm DC barrel jack (same as used on Sony PSP)
- \* 8GB or larger Class 10 or better microSD card
- \* Ethernet cable and connection
- \* Recommended: HDMI cable and monitor
- \* Recommended: USB keyboard and mouse
- \* Optional: USB-to-TTL-Serial adapter

I'll describe these in more detail below:

POWER SUPPLY: The Orange Pi requires a 5V/2A good quality power supply. The power input is a 4mm x 1.7mm DC barrel jack (same as Sony PSP and many other devices). You cannot power it through a microUSB cable like a Raspberry Pi; you have to power it through the DC power jack. I made the mistake of buying a really cheap after-market power supply meant for the Sony PSP and

had lots of trouble because the power supply was too noisy; others have had similar problems. Get a good power supply like ... Read more >

#### **Most Recent Customer Reviews**

#### **Five Stars**

Published 10 days ago by Amazon Customer

#### Good pi.

Mmm Good pi..

#### works as expected.

Published 12 days ago by Amazon Customer

#### I love this board and a cheaper ulternative to the Raspberry

I have several of these and I have no problems... I have tried several flavors of linux and have settled on Ubuntu Mate which works quite well. Read more Published 1 month ago by KJR

#### Orange Pi PC - performs like a

#### champ

Definitely one of the best boards you can buy for 15\$ and the orange pi community has a lot of Images to try out

Published 1 month ago by Mason

#### Great value, good fast board.

Great board, I've run lots of images on this, it runs much cooler than the one does, more ports, etc. and this one is safe to use the vendor's images with. Read more

Published 3 months ago by Gene

# I do not know what happened, even

#### though the ...

I do not know what happened, even though the product came sealed, NO WORK, remain lit 2 LEDs on the RJ45 port, and nothing else, I've tried several distros for orange pi, with... Read more

Published 5 months ago by Amazon Customer

#### Avoid unless you are immortal and want to make it work just to pass...

I've tried over a dozen of os images, 80% of which did not work properly not having all usb ports activacted being the most common issue, you will definitely need some heat sinks... Read more Published 6 months ago by julio campbell

#### I've never looked back, I love it.

Of all of the SBC's I own, I love working on this one the most. It is challenging, and most rewarding! Read more

Published 6 months ago by Sean Warner

## Unreliable. Poor documentation.

#### Pass.

I bought two of these boards to see if they could compete with the Raspberry Pi. They couldn't. I tried six Linux distributions and found only one that ran smoothly. Read more

Published 6 months ago by Hugo M. M. Rabson

## DOA - Would NOT BOOT... Likely a

## missing bootloader.

DOA unit, I believe that there was no boot loader installed, shame as it had promise. This one did not, would not boot. Read more

Published 7 months ago by Andy

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	Search

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7 people found this helpful. Was this review helpful to you? | Yes | No | Report

abuse

#### Thoroughly enjoying it!

By atrac on March 11, 2016

This product is actually very cool and fun to use. If you need your hand held and are a noob, you'll want to avoid this product. If you don't like trial and error, you are better off going with a Raspberry Pi. I've installed Ubuntu Mate on my Orange Pi and am having zero difficulty using it. Apparently a build of Chrome OS is coming soon for this device -- can't wait to try it.

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Was this review helpful to you? Yes No Report abuse

#### Amazing Value Server and Media Center

By Michael Engel-andreasen on March 28, 2016

This board is fantastic for people looking for a small linux server to use as a NAS or downloader machine to act as a media server. Now that Armbian supports it you can get the latest kernel as well.

Luse mine to run Plex and another one as a media center running Kodi since it supports x265 hardware decoding it is definitely better than the Raspberry Pi.

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2 people found this helpful. Was this review helpful to you? Yes No Report

#### Not necessarily dead if it doesn't light up.

By Moira Whitlock on April 1, 2016

I have 3 of these boards, being unable to resist the price. I made an SD card for one, and tried it on all 3, but only got the LAN green and yellow lights to shine. I put them aside, wondering how all 3 could be bad in the same way. I packed them up carefully when I moved into my new home, assuming that they would some day work once I figured out what I did wrong. Then yesterday, I was casually reading posts about setting up the boards, wondering if others had found the same problem I had had. The post, "I made an error writing my SD card," made me look deeper, to discover that the boards light the central red LED only if a valid OS image is on the card. So, I downloaded Ubuntu Mate, Open SUSE, and Fedora from Laboris, the recommended distributor in that post, and got not the med sum files, because I haven't had success with those, but got the img xz ones, and used Unpacker, free from the Windows 10 store, and made them into burnable files using Win32DiskImager. All 3 boards work great, and are fast and responsive. The next order of research will be to learn how to expand their file systems to use the whole cards. Then they'll be perfect! Anyway, I now have the little Pi network I had hoped for.

2 Comments abuse

One person found this helpful. Was this review helpful to you? Yes No Report

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#### What Other Items Do Customers Buy After Viewing This Item?



Raspberry Pi 3 Model B Motherboard

715

\$35.69



LoveRPi 2A MicroUSB LED Power Supply Adapter Charger with Click On/Off Switch Adapter to 4.0mm x 1.7mm Barrel Plug



SanDisk Ultra 32GB microSDHC UHS-I Card with Adapter, Grey/Red, Standard Packaging (SDSQUNC-032G-GN6MA)



CanaKit Raspberry Pi 3 Kit with Clear Case and 2.5A Power Supply

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