

Odroid XU4

As I am sure you can tell, I am fascinated with tiny computers. I have used just about every version of the Raspberry Pi, the C.H.I.P., and now I can add the Odroid XU4 to the list.

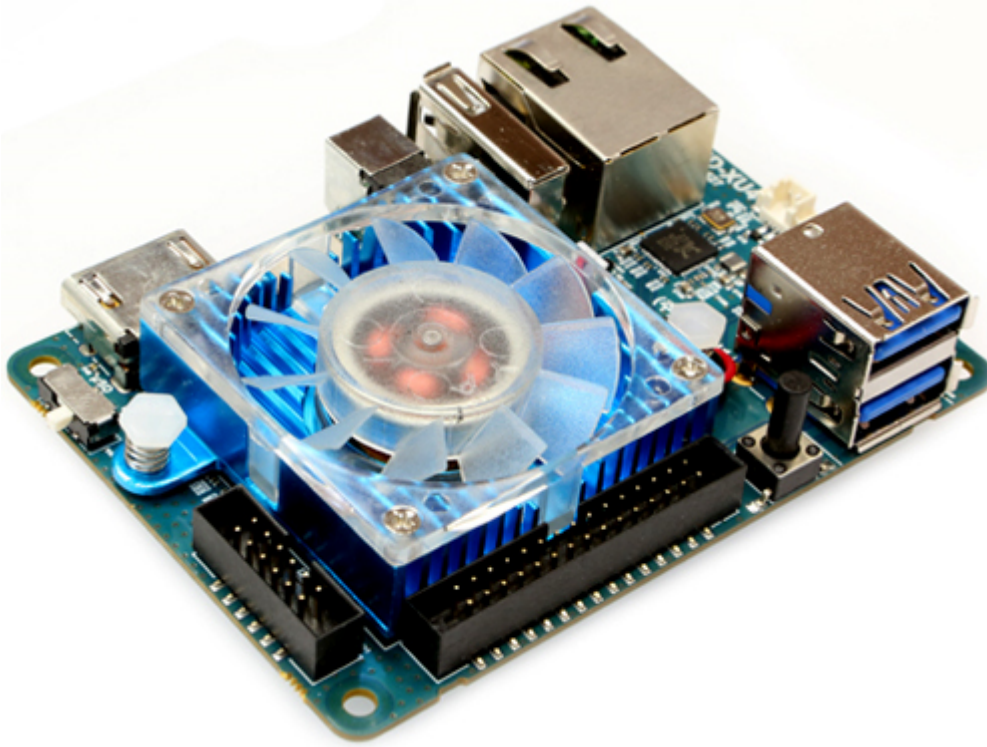
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The Odroid XU4 by Hardkernel, is quite a powerful little computer(see specs below). At the same size as the Raspberry Pi, the XU4 offers an octa core processor with 2GB of RAM. Obviously with specs like these the cost is not the same as a Raspberry Pi. The Odroid XU4 starts at \$74.00.

Specifications

- Samsung Exynos5422 Cortex™-A15 2Ghz and Cortex™-A7 Octa core CPUs
- Mali-T628 MP6(OpenGL ES 3.0/2.0/1.1 and OpenCL 1.1 Full profile)
- 2Gbyte LPDDR3 RAM PoP stacked
- eMMC5.0 HS400 Flash Storage and/or MicroSD card
- 2 x USB 3.0 Host, 1 x USB 2.0 Host
- Gigabit Ethernet port
- HDMI 1.4a for display
- Size : 82 x 58 x 22 mm approx.(including cooling fan)



Operating Systems

- Android
- Ubuntu
- Linux Mainline
- [more](#)

Uses

The uses for the XU4 are endless. It can do anything the Raspberry Pi can do (but better) and can do most of the things that a typical desktop can do.

NAS

My initial plan for the XU4 was to use it as a NAS. With the Gigabit port and USB 3.0, it would perform much better than my Raspberry Pi NAS. So I bought a USB 3.0 to SATA bridge and setup the XU4 as a [NAS](#).

Smart TV

I am a "Cord Cutter" and although my TV is a "Smart TV", it lacks some of the service subscriptions that I have. I am a big Yankees fan and there was a big weekend series coming up against the Red Sox, I just didn't want to watch the games on my iPad. Sure, I could go out and buy a Roku or Apple TV, but I have this XU4 that I know can run Android.

Others

- Webservice
- Home Theatre PC(HTPC)
- Gaming Emulator
- Desktop Web Browser
- Use your imagination

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