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Board Computer supports Arduino Programming with Gbps MAC



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Product Description

pcDuino Lite WiFi is a high performance, cost effective mini PC platform that runs PC like OS such as Ubuntu. It outputs its screen to HDMI enabled TV or monitor via the built in HDMI interface. It is specially targeted for the fast growing demands from the open source community. The platform could run full blown PC like OS with easy to use tool chain and compatible with the popular Arduino ecosystem such as Arduino Shields (may need a bridge shield) and open source projects etc.

Items Details CPU 1GHz ARM Cortex A8 GPU OpenGL ES2.0, OpenVG 1.1 Mail 400 core DRAM 256B Onboard Storage 2GB Flash, microSD card (TF) slot for up to 32GB Video Output HDMI OS Linux3.0 + Ubuntu 12.04 Extension Interface 2.54mm Headers Network interface WIFI Power 5V, 2000mA Overall Size 100mm X 52mm

Items Description OS

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Product Information

Product Dimensions	5 x 3 x 0.5 inches	Warranty & Support
Shipping Information	View shipping rates and policies	Product Warranty: For warranty information about this product, please click here
Manufacturer	pcDuino	Feedback
ASIN	B00HDFRMPQ	Would you like to give feedback on images?
Customer Reviews	2 customer	Would you like to tell us about a lower price?
	reviews	
	4.5 out of 5 stars	
Best Sellers Rank	#39,109 in Beauty (See Top 100 in	
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Top Customer Reviews

Great Price for a Great Board

By Bob Monroe on December 1, 2016

Verified Purchase

I work with lots of microcomputers. They range from high end Intel chip and eight core system on a chip (SoC) ones loaded with 32 gig flash and every connection you can imagine to low end \$5 Omega2 boards and Raspberry Pi Zeros. I decided to buy the pcDuino Lite because it was something I didn't already own and it was such a great price. To my surprise the pcDuino booted up to a beautiful Ubuntu desktop on my 5" HDMI screen. Granted, this computer doesn't have all the bells and whistles that the higher priced ones do but it includes (more than it costs) options like WiFi, microSD card slot, enough ram to run Ubuntu, USB port and ample expansion headers to plug in sensors and other parts.

The pcDuino surprised me in it's speed as well. I wasn't expecting much for the price I paid but this little baby hums along at a decent speed compared to many other microcomputers live bought. I updated the OS and added the usual assortment of desktop tools like LibreOffice, Gimp and some memory features. None of the apps are lightening quick but they do function just fine for a low end board. I'm not going to compare this board to any other board because each board has it's own pros and cons. I will say that the pcDuino has more pros than cons and I would highly recommend this device for anyone running a local media server, FTP server, or a desktop replacement. This is a great starter board for those interested in making things and the added WiFi make it a huge bargain. Be sure to update your password as soon as you boot it up to prevent a pwn.

I had overlooked this board for too long. Now I wish I had bought a couple of these a few years back. Nothing fancy, it just works as advertised and that's all I ever want from anything I buy.

Comment Was this review helpful to you? Yes No Report abuse

A cool little board! Versatile and capable

By Curoi on November 26, 2016

LinkSprite's pcDuino series boards are billed as the "mini PC + Arduino", an ARM-plus-Arduino hybrid SBC (single board computer) with much promise. The pcDuino Lite WiFi holds down the low end of the pcDuino product line, combining a Cortex-A8 based Allwinner A10 SoC with Arduino-style expansion and HDMI ports. I love discovering new SBCs, so I ordered this pcDuino out of curiosity.

FIRST IMPRESSION

At first glance, pcDuino Lite WiFi looked minimal. It has

- Cortex-A8 @ 1GHz (ARM v7) Processor
- 256MB RAM @ 408MHz (two 128Mx8 DDR3 SK Hvnix H5TQ1G83BFR)
- 2GB NAND flash
- WiFi 802.11b/g/n (Realtek RTL8188CUS)
- 1 USB 2.0 port
- micro USB port (eupplies DC power 51/ @ 24)

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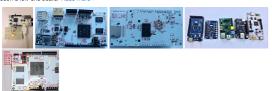
12/4/2016

- IIIICIO OOD POIL (Supplies DO POWEL OF W ZA)
- 1 USB 2.0 OTG port
- 1 HDMI port - 1 SD card slot
- 5 green LEDs
- Header pinout

The onboard NAND flash storage was already pre-loaded with a version of Ubuntu 12.04 (based on Linaro 12.07). The moment I powered it on, everything worked out of the box.

This is the 5th non-mainstream SBC I've bought from Amazon, and it's the easiest to set up. I was prepared to spend several days tweaking the code and hacking the drivers in order to get it to work, but that turned out to be completely unnecessary. This little thing is a plug-and-play.

I hooked up the board to a computer monitor through HDMI, and graphics on the screen looked great for such a low-end board. Read more >



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