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HiLetgo

HiLetgo 2pcs ESP8266 NodeMCU Lua CP2102 ESP-12E Internet WIFI Development Board Open source Serial Wireless Module Works Great with Arduino IDE/Micropython (Pack of 2PCS)

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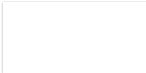
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Color: Pack of 2pcs



- Built-in Micro-USB, with flash and reset switches, easy to program
- Full I/O port and Wireless 802.11 supported, direct download no need to reset
- Arduino compatible, works great with the latest Arduino IDE/Mongoose IoT/Micropython
- Data download access to the website: <http://www.nodemcu.com>
- Firmware link: <https://github.com/nodemcu/nodemcu-firmware>

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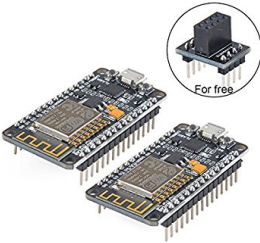

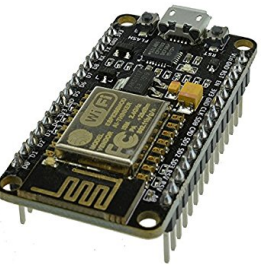
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Product description

Color:Pack of 2pcs

Product description:

ESP8266 is a highly integrated chip designed for the needs of a new connected world. It offers a complete and self-contained Wi-Fi networking solution, allowing it to either host the application or to offload all Wi-Fi networking functions from another application processor.

Instruction & Steps of How to use:

1. Download the Arduino IDE, the latest version.
2. Install the IDE
3. Set up your Arduino IDE as:
Go to File->Preferences and copy the URL below to get the ESP board manager extensions: arduino.esp8266.com/stable/package_esp8266com_index.json
4. Go to Tools > Board > Board Manager> Type "esp8266" and download the Community esp8266 and install.
5. Set up your chip as:
Tools -> Board -> NodeMCU 1.0 (ESP-12E Module)
Tools -> Flash Size -> 4M (3M SPIFFS)
Tools -> CPU Frequency -> 80 Mhz
Tools -> Upload Speed -> 921600
Tools-->Port--> (whatever it is)
6. Download and run the 32 bit flasher exe at Github(Search for nodemcu/nodemcu-flasher/tree/master/ at Github) github.com/nodemcu/nodemcu-flasher/tree/master/Win32/Release Or download and run the 64 bit flasher exe at: github.com/nodemcu/nodemcu-flasher/tree/master/Win64/Release
7. In Arduino IDE, look for the old fashioned Blink program. Load, compile and upload.
8. Go to FILE> EXAMPLES> ESP8266> BLINK, it will start blinking.

Note: Please contact us if you need the driver or meet any issue when using. We provide 100% satisfaction service for customers.

Package included:

2* New Version ESP8266 NodeMCU Lua CP2102 WiFi Wireless Development Board

Product information

Color:Pack of 2pcs

Technical Details

Collapse all

Other Technical Details

Brand Name	HiLetgo
Item model number	3-01-0268
Item Weight	0.32 ounces
Product Dimensions	5 x 3.8 x 0.5 inches
Item Dimensions L x W x H	5 x 3.75 x 0.5 inches
Color	Pack of 2pcs

Additional Information

ASIN	B010N1SPRK
Customer Reviews	373 customer reviews 4.3 out of 5 stars
Best Sellers Rank	#8 in Computers & Accessories > Networking Products > Network Transceivers
Shipping Weight	0.32 ounces (View shipping rates and policies)
Date First Available	June 25, 2015

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tampering will result in the customer being charged a higher restocking fee based on the condition of the product. Amazon.com will not accept returns of any desktop or notebook computer more than 30 days after you receive the shipment. New, used, and refurbished products purchased from Marketplace vendors are subject to the returns policy of the individual vendor.

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Customer Reviews

373

4.3 out of 5 stars

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4 star

13%

3 star

4%

2 star

2%

1 star

9%

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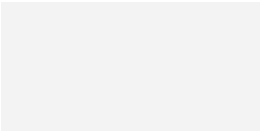


My new go-to board instead of Arduino (built-in WiFi, wireless code updates)

May 12, 2016
Color: Pack of 1 PC Verified Purchase

These things are awesome. I am currently running 3 of them with a small 64x128 OLED display and a DHT22 sensor in different places in the house. All this built using the Arduinio IDE. I have also added some NTP code I found on the web and now each board syncs up its clock using NTP, so it's almost like having an RTC onboard (as long as you have internet connectivity, at least one time when you power up or reset the device). One of the most awesome features is being able to use the ArduinOTA package so that I can now make code updates wirelessly over wifi after burning the initial code into each board. There are only a few reasons that I would maybe use an Arduino board instead of these: Analog inputs - this has just one built in. Most of my analog input sensors already provide SPI or I2C interfaces, so that's not an issue for me. You may also opt for Arduino if you absolutely need a 5V device (these are 3.3V) or for something battery powered where you'd want the lowest drain. Not sure yet if I can shut off the wifi radio in this guy to achieve similar low-power useability but for 90%+ of my projects, this has just become my go-to board. Note that the one I got from HiLetgo seems to be better than two other ones I got later from another seller. The HiLetgo one can be programmed at a full 921600 baud over USB, where the ones from the other seller can only be programmed reliably at 115200. This could be just luck-of-the-draw and probably they all come from the same factory and

[Read more](#)



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Bruce Buxkemper

I finally got a good 115200 serial output if I configured it for 74880

January 15, 2018
Color: Pack of 1 PC Verified Purchase

I purchased two and have struggled to first get serial output and then wifi. I finally got a good 115200 serial output if I configured it for 74880. I have never been able to get the wifi to work. From other users, if you have the 74880/115200 baud rate problem, the board is bad and the wifi will not work.

I have confirmed this to be the case, I ordered a new board and the same code works great and setting 115200 will actually generate 115200.

[Read more](#)

Comment 7 people found this helpful. Was this review helpful to you? [Report abuse](#)

Mark Serrano

Best ESP8266 dev board out there!

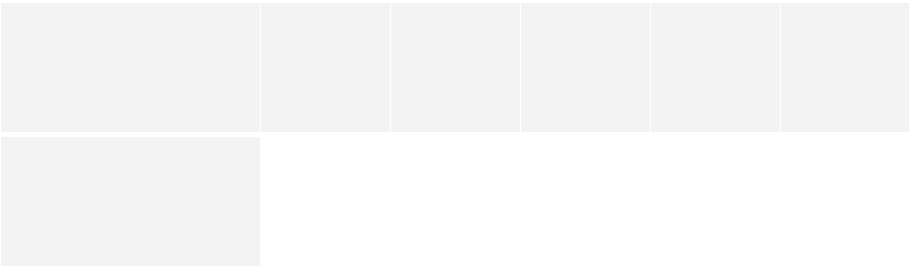
June 8, 2017
Color: Pack of 1 PC Verified Purchase

July 25th Review Update
=====

I ordered 6 more pieces last night, and I got all of them following day. I installed Micropython on all of them and activated WebRepl, and I have no issues so far. All of them worked! I'm attaching new screenshots (the one with a fleet of NodeMcu's). Included in this screenshots are some of the projects I have done with this board:

- 1. Thermal camera sensor

[Read more](#)



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gabe murk

Five Stars

it worked it did the job
Published 2 days ago



Dave

Five Stars

Exactly as ordered, received without issue.
Published 2 days ago



Nimat

Five Stars

Works as described
Published 3 days ago



2600

Awesome little board for DIY IoT projects.

So far so good. I have a little background in playing with development boards. Was able to figure this little guy and dimming my hue lights with a photo-resistor in a couple... [Read more](#)
Published 4 days ago



Brent C. Kirkley

Five Stars

Great intro into this platform
Published 6 days ago



JG

Ordered 1 to try out, after a few hours ...

Ordered 1 to try out, after a few hours, ordered 2 more.. Lots of simple projects in mind for Raspberry PI, think I can do what I need with this for 1/4 the price and no SD card... [Read more](#)
Published 14 days ago



Steven C. Ollmann

Simple, Reliable and Cost Effective

WiFi
Ordered several of these and were delivered very promptly and packaged properly.

I had a couple of these up in a very short period of time. [Read more](#)
Published 14 days ago



Joegr

Five Stars

These are great for any projects that don't require a lot of IO
Published 15 days ago



Ardit Dervishaj

Five Stars

Worked as a charm. Used for a small personal project.
Published 16 days ago



Typical Amazon shopper

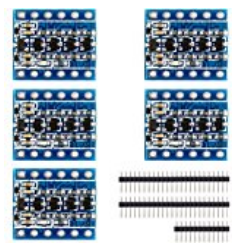
Five Stars

Nice cheap controller... I built a network garage door opener with it.
Published 17 days ago

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\$10.99



HiLetgo 2pcs DHT22/AM2302 Digital Temperature And Humidity Sensor Module

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