**NodeMcu Lua WIFI Internet of Things development board based ESP8266 module**

# **Introduction**

* The NodeMCU is an open-source firmware and development kit that helps you to prototype your IoT product within a few Lua script lines. Formore details, please visit

[www.nodemcu.com](http://www.nodemcu.com/), and <https://github.com/nodemcu/nodemcu-firmware/wiki/nodemcu_api_en>

# **Feature**

* Open-source
* Interactive
* Programmable
* Low cost
* Simple
* Smart
* WI-FI enabled

### Ard--uino-like hardware IO

* Advanced API for hardware IO, which can dramatically reduce the redundant work for configuring and manipulating hardware.
* Code like ard--uino, but interactively in Lua script.

### Nodejs style network API

* Event-driven API for network applicaitons, which faciliates developers writing code running on a 5mm\*5mm sized MCU in Nodejs style.
* Greatly speed up your IOT application developing process.

### Lowest cost WI-FI

* Less than $2 WI-FI MCU ESP8266 integrated and esay to prototyping development kit.
* We provide the best platform for IOT application development at the lowest cost.

# **Specification**

* The Development Kit based on ESP8266, integates GPIO, PWM, IIC, 1-Wire and ADC all in one board.
* Power your developement in the fastest way combinating with NodeMCU Firmware!
* USB-TTL included, plug&play
* 10 GPIO, every GPIO can be PWM, I2C, 1-wire
* FCC CERTIFIED WI-FI module(Coming soon)
* PCB antenna

Picture















