

# ESP8266 Serial Wifi Module NodeMcu Lua Wifi V3 CH340

**SKU: NA226**

2. Interactive

3. programmable

4. low cost

5. simple

6. Smart

WI-FI

Arduino-like hardware IO

Advanced API for hardware IO, which can dramatically reduce the redundant work for configuring and manipulating hardware.

Code like arduino, but interactive in Lua script.

Nodejs style network API

Event-driven API for network requests, which facilitates developers to write code running on a 5mm \* 5mm sized MCU in Nodejs style.

Greatly speed up your IOT application developing process.

Introduction:

ESP32 is already integrated antenna and RF balun, power amplifier, low-noise amplifiers, filters,

And power management module. The entire solution takes up the least amount of printed circuit board area.

This board is used with 2.4GHz dual-mode Wi-Fi and Bluetooth chips by TSMC 40nm low power technology,

Power and RF properties best, which are safe, reliable, and scalable to a variety of applications.

Characteristics:

High performance-price ratio

Small volume, easily embedded to other products

Strong function with support LWIP protocol, Freertos

Supporting three modes: AP, STA, and AP + STA

Supporting Lua program, easy to develop

ESP8266 CH340G NodeMcu Lua V3 ESP8266 CP2102 NodeMcu Lua V2 Wireless Module WIFI R3 ATMEGA2560 /ATmega328P

**【What is ESP8266】** 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. •

**【Feature】** ESP8266 has powerful on-board processing and storage capabilities that allow it to be integrated with the sensors and other application specific devices through its GPIOs with minimal development up-front and minimal loading during runtime. Its high degree of on-chip integration allows for minimal external circuitry, and the entire

solution, including front-end module, is designed to occupy minimal PCB area. •

**【Powerful ESP8266 Wifi Module】** Nodemcu v3, Upgraded to CH340 chip; Power your development in the fastest way combining with NodeMcu Firmware; It's a IOT unit with all available resources on board, support smart link and smart networking. •

**【Compatible】** for Arduino compatible, Available install NodeMCU 1.0 library in the Arduino IDE. This ESP8266 NodeMcu development board can be use for small temperature and humidity monitor in home automation project and works very well for arduino development platform.