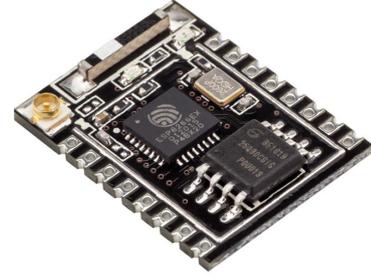


# WiFi module ESP-07, ESP8266, 8Mb

Reference: AM5974  
EAN13: -  
HS code: 85412900



## Product attributes:

## Product features:

Voltage: 3.3 V DC  
Waterproof grade: IP20

## Product description:

The ESP8266 chip module is a highly integrated chip designed to meet the needs of the new connected world. It offers a complete and comprehensive Wi-Fi networking solution, allowing you to either host an application or take advantage of all the networking features from another wireless implementation.

The ESP8266 chip used has an integrated microcontroller that you may/may not use. If you use it, you don't need to connect the arduino at all. This board has 9 GPIO ports and a UART (RXD TXD).

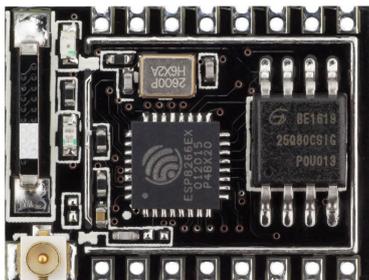
If you connect a digital thermometer/humidistat to this module, set up WIFI as a DHCP client and view the temperature on your mobile, computer or anywhere on the internet!

### Specifications:

- Extremely small PCB size
- There is a connector for external antenna on the PCB
- Integrated RF switch, balun, 24dBm PA, DCXO, and PMU
- Integrated RISC processor, on-chip memory and external memory interface
- Module includes a program for serial link communication using simple AT commands
- QOS management
- Integrated WEP, TKIP, AES, and WAPI encryption and security
- Supports APSD for VoIP applications

### Network:

- 802.11 b/g/n
- Wi-Fi Direct (P2P), soft-AP
- Integrated TCP/IP stack
- Integrated TR switch, balun, LNA
- Integrated PLLs, controllers, DCXOs, and power management units
- 19.5dBm output power in 802.11b mode
- Integrated 32-bit CPU can be used as application processor
- SDIO 1.1/2.0, SPI, UART
- STBC, 1x1 MIMO, 2x1 MIMO
- A-MPDU



- Power
- Control
- GND
- Analog Pin
- Port Pin
- Serial Pin
- Pin function

