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# WizFi360

## Overview

WizFi360 is a low cost and low-power consumption industrial-grade WiFi module. It is compatible with IEEE802.11 b/g/n standard and supports SoftAP, Station and SoftAP+Station modes. The serial port baud rate can be up to 2Mbps, which can meet the requirement of various applications.

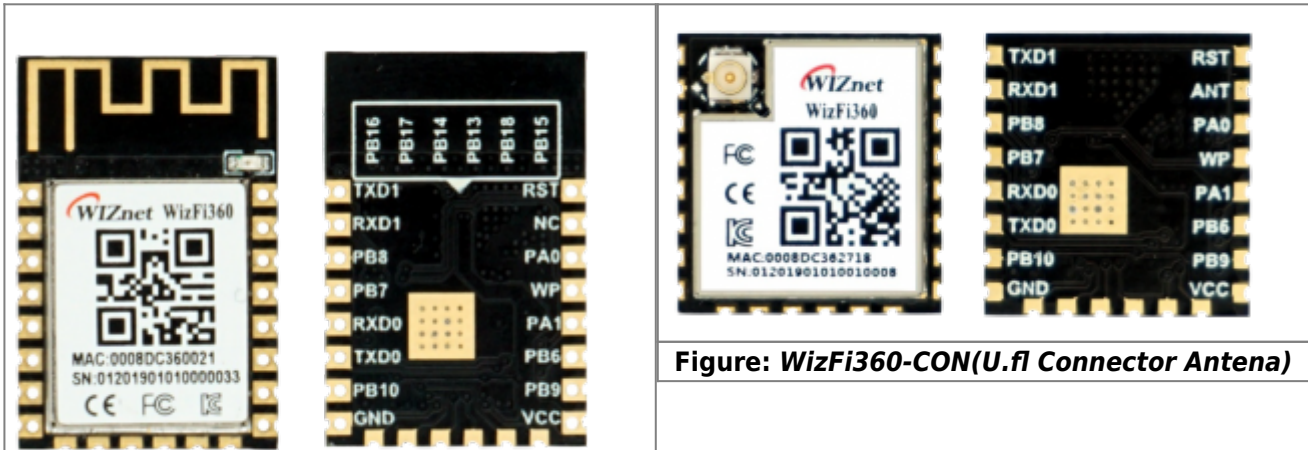


Figure: WizFi360-PA(PCB Antena)

Figure: WizFi360-CON(U.fl Connector Antena)

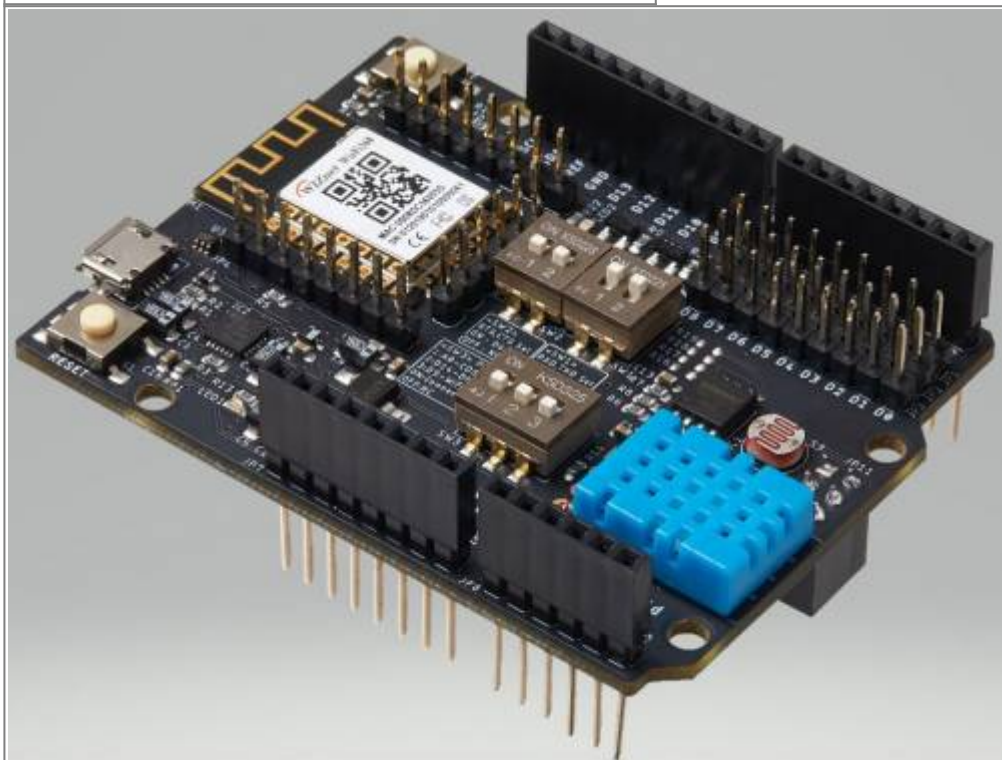


Figure: WizFi360-EVB

## Feature

- WiFi 2.4G, 802.11 b/g/n
- Support Station / SoftAP / SoftAP+Station operation modes
- Support "Data pass-through" and "AT command data transfer" mode
- Support serial AT command configuration

- Support TCP Server / TCP Client / UDP operating mode
- Support configuration of operating channel 0 ~ 13
- Support auto 20MHz / 40MHz bandwidth
- Support WPA\_PSK / WPA2\_PSK encryption
- Serial port baud rate up from 600bps to 2Mbps with 16 common values
- Support up to 5 TCP / UDP links
- Obtaining IP address automatically from the DHCP server (Station mode)
- DHCP service for Wireless LAN clients (AP mode)
- Support DNS for communication with servers by domain name
- Support "Keep-Alive" to monitor TCP connection
- Support "Ping" for monitoring network status
- Built-in SNTP client for receiving the network time
- Support built-in unique MAC address and user configurable
- Support firmware upgrade by UART Download / OTA (via WLAN)
- Industrial grade (operating temperature range: -40 ° C ~ 85 ° C)
- CE, FCC certification

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## Details

- [Documents](#)
  - [Datasheet](#) : A brief introduce about WizFi360. These documents describe the Features, package information and etc.
  - [AT Instruction set](#): It describes the AT Command of WizFi360 and you can confirm the return message by AT command of WizFi360.
  - [AT command Example](#): It includes the Basic example using AT command and it is examples of TCP, UDP, SSL use.
  - [Quick Start Guide](#): The examples using the WizFi360-EVB or WizFi360io, it describes the scenarios in order from Hardware setting to example of AT command use
  - [Firmware Update Guide](#): The method of using how to upload firmware
  - [Application Notes](#): The example of Application, TCP/UDP, etc test using the Arduino
  - [AT Command Comparison Sheet](#): The AT command comparison with esp8266
- [Ref schematic](#): Support the schematic of WizFi360-EVB to Gerber, Partlist, Schematic format.

For more information visit the [WizFi360 Github](#).

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## Q & A

[🔗 WizFi360 Forum](#) : WIZnet Forum for Technical support and Project shared

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