



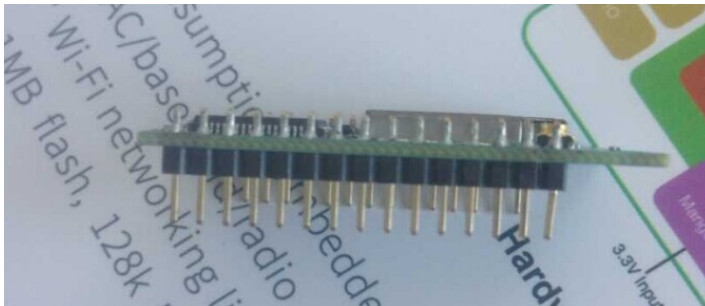
## EMW3162 WiFi Module (External IPEX antenna)

SKU: 101990071

(images/product/101990071\_1\_01.jpg)

### Description

EMW3162-E wifi module in stock now with two rows of pins



EMW3162 WiFi Module(External IPEX antenna)is the new module that design by MXCHIP in the 2013. For the embedded products applications, it focus on the ultra-low power low cost. This Wi-Fi wireless LAN module. It combines the latest Wi-Fi technology and microcontroller technology, within IEEE802.11b/g/n wireless communications and a variety of energy-saving mode, widely used in a variety of new intelligent electronic products. It has the latest features EMW316x series modules, but also keep the pin is fully compatible with EMW3280 module.

EMW3162 built-in frequency up to 120MHz Cortex-M3 microcontroller STM32F205RG, 1M byte of Flash, 128k bytes of SRAM and extensive peripheral functions with the MxchipWnet embedded Wi-Fi firmware.

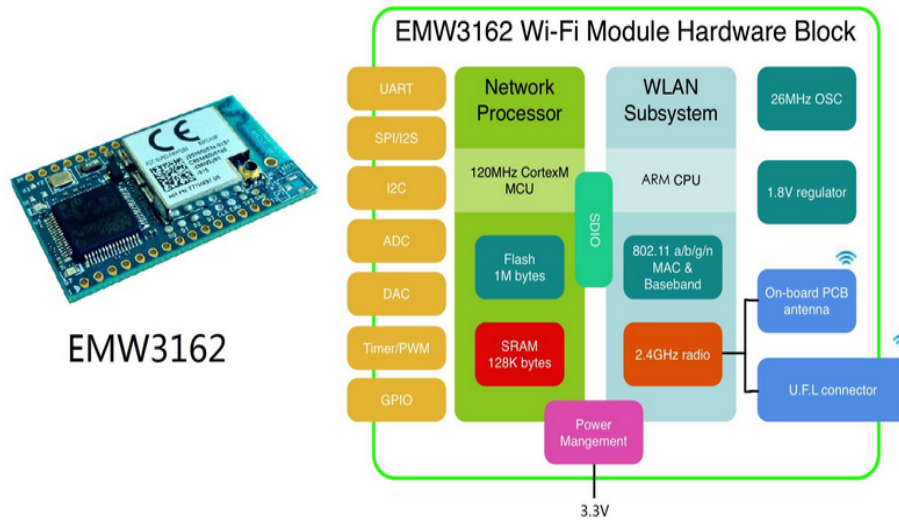
Users can easy and quick add Wi-Fi network communications capabilities for embedded devices. You can use MxchipWNet software library developed directly on a variety of embedded Wi-Fi module applications.

#### Features:

- Easy Link a key configuration
- Ultra-low power consumption, keep the network connection only 7mA
- Seamless roaming switch
- Network transmission speed, the actual up to 20Mbps

- Built-in real-time operating system, the new software system

#### Specification:



#### Typical applications:

- Building automation / access control, security control systems
- Automatic House appliances
- Medical and personal care system
- Mobile point of sale system (POS)
- Automotive Electronics

We also have another product, EMW3162 WiFi Module (with antenna inside), please click here ([http://www.seeedstudio.com/depot/EMW3162-WiFi-Module-p-2122.html?cPath=19\\_20](http://www.seeedstudio.com/depot/EMW3162-WiFi-Module-p-2122.html?cPath=19_20)) to check.

And there are two kinds of breakout board for you to choice: EMB-380-S2 Development Board ([http://www.seeedstudio.com/depot/EMB380S2-Development-Board-p-2146.html?cPath=19\\_20](http://www.seeedstudio.com/depot/EMB380S2-Development-Board-p-2146.html?cPath=19_20)) and EMB-WICED-S EMW3162 Development Board for WICED ([http://www.seeedstudio.com/depot/EMBWICEDS-EMW3162-Development-Board-for-WICED-p-2335.html?cPath=19\\_20](http://www.seeedstudio.com/depot/EMBWICEDS-EMW3162-Development-Board-for-WICED-p-2335.html?cPath=19_20))

If you have any technical problem, please contact (sales(at)mxchip.com (mailto:sales@mxchip.com) )

For any technical support or suggestion, please kindly go to our forum (<http://www.seeedstudio.com/forum/viewtopic.php?f=65&t=5879&p=21260#p21260>).

## Overview



(<http://www.seeedstudio.com/depot/Shenzhen-2U-t-11.html?ref=pinfo>)

Designer: MXCHIP



(<http://www.seeedstudio.com/depot/Maker-Pro-t-1672.html?ref=pinfo>)

(<http://www.mxchip.com/>)

Other Products From This Designer (<http://www.seeedstudio.com/depot/MXCHIP-m-141.html?ref=pinfo>)

Weight: 4 g