


## Module 802.11b/g 2.462GHz 11000Kbps 49-Pin Tray

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	MODULE
<b>Product Type:</b>	RF Integrated Circuits
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	NRND



Images are for reference only

Inquiry

## General Description

Important Note: Firmware version 4.81 is the latest production firmware version available for the RN171. To receive the latest firmware version 4.81, please order part number RN171-I/RM481. For more information about firmware version 4.81, please see the Release Notes.

Firmware version 4.83 provides fixes for the Key Reinstallation attack or 'Krack' vulnerability. The Firmware and Release notes are available under the Documentation tab. The RN171 is a small form factor, ultra-low power embedded TCP/IP module measuring only 27 x 18 x 3.1 mm. The RN171, like the RN131, is a full-featured 802.11 b/g surface mount module. Due to its small form factor and extremely low power consumption, it is perfect for mobile wireless applications such as asset monitoring, sensors, and portable battery operated devices. For quickly and easily evaluating the RN171 module, Microchip offers the RN-171-EK, a compact, battery and USB-powered kit with push buttons for SoftAP and WPS mode. For the latest firmware details and corresponding part numbers, please visit: [www.microchip.com/wireless](http://www.microchip.com/wireless)

Please consider this device ATWINC1500

## Key Features

Ultra-low power for battery powered applications

Firmware configurable transmit power: 0dBm to +12dBm

Hardware interfaces: UART and SPI Slave

Supports SoftAP and infrastructure networking modes

RF pad for external antenna

User programmable GPIO & ADCs

Real-time clock for time-stamping, auto-sleep, and auto-wakeup modes

Run directly from batteries or regulated power supplies

Configuration over serial or wireless interface using simple ASCII commands

Over the air firmware upgrade

Secure Wi-Fi authentication schemes (WEP/WPA/WPA2)

Full onboard TCP/IP stack (no external drivers required)



## Recommended For You

### **RN42-I/RM630**

Microchip Technology, Inc

MODULE-35

### **RN42XVP-I/RM**

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MODULE-20

### **RN4870-V/RM118**

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MODULE-33

**RN171XVU-I/RM**

Microchip Technology, Inc  
MODULE-20

**RN42N-I/RM**

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MODULE

**RN42-I/RM**

Microchip Technology, Inc  
35-SMD

**RN131C/RM**

Microchip Technology, Inc  
Module

**RN4020-V/RM120**

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MODULE

**RN2483A-I/RM105**

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MODULE

**RN4871U-V/RM118**

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MODULE-17

**RN1723-I/RM100**

Microchip Technology, Inc  
Module

**RN4870-I/RM130**

Microchip Technology, Inc  
MODULE

**RN42HID-I/RM**

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**RN52-I/RM116**

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Module

**RN42SM-I/RM**

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