

# RA-WN110212A

**IEEE 802.11b/g USB Wireless Module**

## Datasheet

**Version A**

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Version A	2012/08/21	1. First version	YB	



## 1. Introduction

RASINTECH introduces the pioneer of the IEEE 802.11b/g USB 2.0 wireless module --- RA-WN110212A .

The RA-WN110212A is a WLAN module is a highly integrated wireless local area network (WLAN) with PH connector to let users enjoy the digital content through the latest wireless technology without using the extra cables and cords. It enables a **high performance, low cost, low power , little space** that easily fits onto all kinds of needs .

Compliant with the IEEE 802.11b/g standard ,the RA-WN110212A can use in all kinds of **Computer Products** and **Consumer Electronics**.

A high level of integration and full implementation of the power management functions specified in the IEEE 802.11 standard **minimize system power** requirments by using RA-WN110212A.

RA-WN110212A module adopts Ralink RT 3070 solution. The module design is based on the RT 3070 solution which is highly integrated single chip contains MAC/BBP /2.4GHz RF to reduce the size of module. RA-WN110212A can save the space in **minimize size**.

Deploy a high efficient USB engine and hardware data processing accelerators without overloading the host processor. The RA-WN110212A is designed to support standard based features in the areas of security, quality of service and international regulation , giving end users the greatest performance anytime in any circumstance.

## 2. simplified block diagram of the RT3070A

module is depicted in the figure below.

