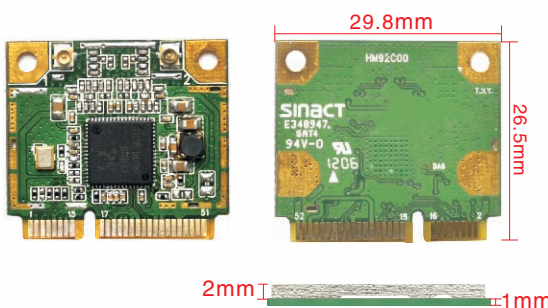
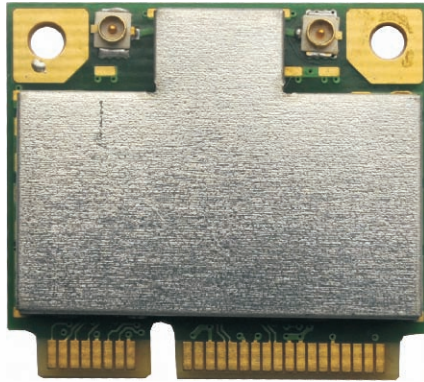


MINI PCI-E 300M WIRELESS MODULE

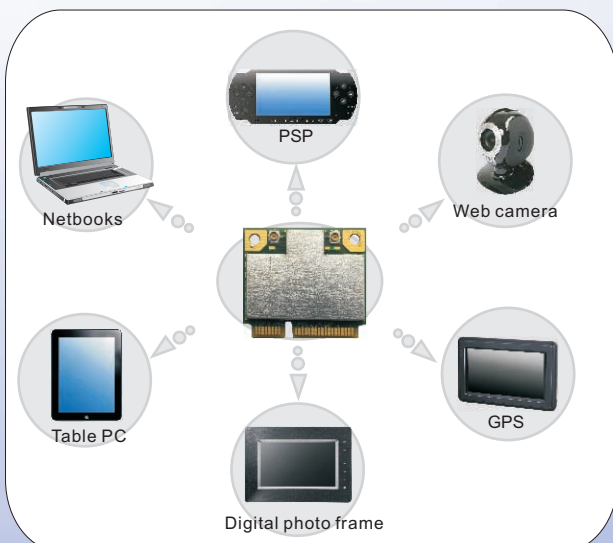
BL-LW08-5

RTL8192CE Chipset



Product Features

- Support standards: the IEEE 802.11b, the IEEE 802.11g, the IEEE 802.11n
- Automatically detect the network and the transmission rate
- Support 64/128 bit WEP data encryption, support WPA-PSK/WPA2-PSK, WPA/WPA2 security to protect wireless network Infringement and misappropriation
- Support WMM, voice and video services to more fluid The
- Installation and configuration simple, plug and play, fast and convenient
- Support Windows XP/Vista/WIN7/LINUX operating system



Product description

This product is a high-speed PCI-E wireless modules, interconnected with other wireless devices to meet the standards, support for the latest 64/128 bit WEP data encryption, support WPA-PSK/WPA2-PSK, WPA/WPA2 security mechanism. This product uses the 11N wireless technology, compatible IEEE802.11b/g/n standard wireless transmission speeds up to 300Mbps. Compared the traditional 54Mbps 11g products and 150Mbps products, with higher wireless bandwidth within the LAN data transmission more efficient, and effective in reducing the network delay, so that voice and video, online games, online on demand is more fluid.

Product Specifications

Item	Description
Standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Interface Type	PCI Express
Frequency Range	2.4-2.4835GHz
Working channel	11
Wireless Transmit Power	15dBm(MAX)
Receiver Sensitivity	270M: -73dBm@10% PER 130M: -73dBm@10% PER 108M: -73dBm@10% PER 54M: -73dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
Work Mode	Ad-Hoc Infrastructure
Transmission rate	300 Mbps(MAX)
Wireless Range	Indoors up to 100m, Outdoors up to 300m.
Support Operating System	Windows XP/Vista/WIN7/LINUX
Operating Temperature	0°C~40°C
Storage Temperature	-40°C~70°C
Operating Humidity	10%~90%, non condensation
Storage Humidity	5%~90%, non condensation
Dimensions	29.8*26.5*1mm
Master Model	RTL8192CE

Package Size:

Bulk

Pcs/box Carton	Net weight (kg)	Gross weight (kg)	Cubic meter(mm)
50			430*187*90mm

This WLAN 11b/g/n 2x2 MINI PCIE MODULE has two exactly the same antenna which is the Integral Dipole Antenna with 1 dBi gain.

FCC ID: X2NBL-LW08-5

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device complies with industry Canada license-exempt RSS standard(s). Operation of this device is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

For product available in the UAS/Canada market, only channel 1-11 can be operated, selection of other channels is not possible.

IMPORTANT NOTE:

Integration is strictly limited to mobile/fixed categorized end-products where a separation distance of at least 20 cm between the radiating part and any human body can be assured during normal operating conditions.

IMPORTANT NOTE:

In the event that these conditions can not be met (for example certain laptop configurations or co-location with another transmitter).then the FCC authorization is no longer considered valid and the FCC ID can not be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

IMPORTANT NOTE:

This module is intended for OEM integrator only and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device. The OEM integrator is still responsible for the FCC compliance requirement of the end product, which integrates this module.

LABEL OF THE END PRODUCT:

The final end product must be labeled in a visible area with the following “Contains TX FCC ID: X2NBL-LW08-5” .If the size of the end product is smaller than 8x10cm, then additional FCC part 15.19 statement is required to be available in the users manual: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.