WLAN+BT module adapter
Model number: WL15A
User Manual

GENERAL

This device is the WLAN+BT module adapter IEEE802.11a/b/g/n/ac, dual band 2x2 Wi-Fi +Bluetooth® adapter.

Integration to the end product

1. Insert WL15A module into PCIe M.2 card connector.
2. Secure the end of product using the screw.
3. Insert Antenna unit into Antenna connectors of WL15A module.

Technical Specification

a)	Dimensions (H x W x D):	22mm x 30mm x 2.5mm
b)	Weight:	2.3g
c)	IEEE WLAN Standard:	IEEE802.11a/b/g/n/ac
d)	Bluetooth:	BDR, EDR, Low energy
e)	Antenna Diversity:	Supported
f)	Operating Temperature:	-10 to 50 degree Celsius
g)	Humidity:	30 to 80 %RH
h)	Connector interface:	PCIe M.2
i)	Host interface:	USB2.0 and PCIe v2.1 Gen1

Regulatory Information

Canada-Industry Canada (IC)

This device complies with Industry Canada's license-exempt RSSs. Operation 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;
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This device (local network devices) for the band 5150-5250 MHz is only indoor usage to reduce potential for harmful interference to co-channel Mobile Satellite systems. High power radars are allocated as primary users (meaning they have priority) of 5250-5350 MHz and 5650-5850 MHz and these radars could cause interference and/or damage to LELAN devices.

Cet appareil (pour réseaux locaux radioélectriques) dans les bandes de fréquences 5150-5250 MHz est réervéàune utilisation àl'intéieur afin de réuire le risque d'interféence avec les systèmes satellites mobiles bicanaux. Les radars forte puissance sont désignés comme étant les premiers utilisateurs (c'st-à-dire qu'ls ont la priorité) des bandes de fréquences 5250-5350 MHz et 5650-5850 MHz. Ces stations radars peuvent provoquer des interférences et/ou des dommages à ce périphérique.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotopically radiated power (EIRP) is not more than that required for successful communication.

Caution: Exposure to Radio Frequency Radiation.
To comply with IC RF exposure compliance requirements, a separation distance of at least

5mm must be maintained between the antenna of this device and all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement doit être installé et utilisé en gardant une distance de 5 mm ou plus entre le radiateur et le corps humain.

Instructions to OEM Integrators

A User manual provided to the end user must indicate the operating requirements and conditions that must be observed to ensure compliance with the above-mentioned IC RF Exposure guideline.

If this module is intended for use in a portable device, integrators are responsible for separate evaluation and/or approval to satisfy IC RF Exposure requirements.

If other radio devices are to be integrated with this module, an additional evaluation and IC submission may be required. Integrators are responsible for such additional evaluation and IC submission.