



Wireless 802.11ac USB Dongle

The WLAN 11ac 1T1R dongle provides a single USB2.0 interface to host. It supports the IEEE 802.11ac and 802.11 a/b/g/n specifications.

The WLAN 11ac 1T1R dongle supports the Orthogonal Frequency Division Multiplexing (OFDM) with one transmits and one receive paths (1T1R). Features include support for 20MHz, 40MHz and 80MHz channel bandwidth with BPSK, QPSK, 16QAM, 64QAM and 256QAM modulation of the individual subcarriers.



FEATURES

- Operate at ISM frequency bands (2.4GHz and 5GHz)
- IEEE standards support: IEEE 802.11ac/a/b/g/n
- 20MHz / 40MHz / 80MHz bandwidth transmission
- OFDM with BPSK, QPSK, 16QAM, 64QAM and 256QAM modulation.

| | |
|-----------------------|--|
| Product Name | Wireless 802.11ac USB Dongle |
| Standards | IEEE 802.11ac/a/b/g/n |
| Modulation Method | CCK, DQPSK, DBPSK, BPSK, QPSK, 16QAM, 64QAM, 256QAM |
| Security | WPA-PSK, WPA2-PSK, WEP, AES, TKIP |
| Frequency Range | 2.4GHz and 5GHz ISM band |
| Operating Temperature | 0 ~ 50° C (ambient temperature) 0 to 90 % (non-condensing) |
| Storage Temperature | -10 ~ 70°C (ambient temperature) 0 to 95 % (non-condensing) |
| Regulatory | FCC 2.4G : Channels 1 ~ 11 5G : Channels 36 ~ 48, 149 ~ 165 CE 2.4G : Channels 1 ~ 13 5G : Channels 36 ~ 48 TELEC 2.4G : Channels 1 ~ 13 5G : Channels 36 ~ 48, 52 ~ 64, 100 ~ 140 |
| Dimension | 29.8 x 15.2 x 8.2 mm (LxWxT) |

© 2014 Atrust Computer Corp. The information contained herein is subject to change without notice. Atrust shall not be liable for technical or editorial errors or omissions contained herein. Microsoft and Windows are trademarks of the Microsoft group of companies. To learn more, visit www.Atrustcorp.com.

Revision A



Atrust Computer Corp.

3F, 361 Fusing 1st Rd., Gueishan, Taoyuan County 333, Taiwan
T.+886-3-3288837 F.+886-3-3288973
sales@atrustedcorp.com www.atrustrcorp.com