EWM-W172H

Advantech USB 802.11ac/a/b/g/n 2T2R Wi-fi + Bluetooth 4.2 Mini PCIe Card

Features

- IEEE 802.11 ac/a/b/g/n (2.4GHz+5GHz) standard
- USB signal with half-size Mini PCIe Card Interface
- 2T2R (Support WiFi/BT co-existence)
- Operating temperature: -20 to +70° C
- Supports Windows 7, 8.1, 10 / Linux / Android

Specifications

Main Chipset	Realtek RTL8822BU-CG
Tx/Rx	2TX/ 2RX
Standard Conformance	IEEE802.11ac/a/b/g/n, Bluetooth v2.1+EDR, v3.0, v4.1, v4.2 LE
Form Factor	USB signal with Half-size Mini PCIe card
Interface	PCI Express mini-card rev. 1.2
Operation Voltage	DC 3.3V ±5%
Power Consumption	TX Mode: 600mA (Max) RX Mode: 350mA (Max)
Security	WEP 64/128-bit, WPA, WPA2
OS Supported	Windows 7, 8.1, 10 / Linux / Android
Temperature Ranges	Operation: -20 to +70° C
Dimensions (L x W x H)	26.65 x 29.85 x 3.25 mm

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Ordering Information

Part No.	Product Description
EWM-W172H01E	USB bus interface 802.11ac/a/b/g/n 2T2R Wi-fi + Bluetooth 4.2, Half-size Mini PCIe Card

Suggested Antenna and Cable

Part No.	Specifications
1750008717-01	WiFi 2.4GHz+5GHz dipole antenna
1750006043	Wi-Fi Coaxial Cable, 150 mm
1750006010	Wi-Fi Coaxial Cable, 200 mm
1750005885	Wi-Fi Coaxial Cable, 230 mm