

EWM-W174M2

IEEE 802.11 ax (2.4GHz/5GHz) +
Bluetooth 5.2, M.2 2230 (A-E Key)



Features

- IEEE 802.11 ax (2.4GHz/5GHz) + Bluetooth 5.2
- 2Tx/ 2Rx
- Bluetooth 5.2 + Enhanced Data Rate (EDR)
- Operating temperature: -10 ~ +70° C
- 802.11ax: up to 1.2Gbps (80MHz channel)
- Compatible with RSB-3810

Specifications

Main Chipset	MTK 7921L (DRQFN 109p)
Tx/Rx	2Tx/ 2Rx
Standard Conformance	IEEE 802.11 ax (2.4GHz/5GHz) +BT 5.2
Form Factor	M.2 2230 (A-E Key)
Interface	Wi-Fi: PCIe BT: USB
Operation Voltage	DC 3.3V ±5%
Antenna	AUX: Wi-Fi / BT → TX/RX Main: Wi-Fi → TX/RX
Security	64-bit WEP (WEP-40) and 128-bit WEP (WEP-104) encryption with hardware TKIP and CKIP processing AES-CCMP hardware processing GCMP hardware processing SMS4-WPI (WAPI) hardware processing
O.S Supported	Linux & Android (RSB-3810 BSP)
Temperature Ranges	Operation: -10 ~ +70° C
Dimensions (L x W x H)	22 x 30 x 2.2 mm

Ordering Information

Part No.	Product Description
EWM-W174M201E	IEEE 802.11 ax (2.4GHz/5GHz), MTK 7921L, 2T2R, BT5.2, M.2 2230

Suggested Antenna and Cable

Part No.	Specifications
1750008717-01	WiFi 2.4 GHz and 5 GHz dipole Antenna
1750008799-01	WiFi Coaxial Cable, 150 mm
1750008653-01	WiFi Coaxial Cable, 200 mm
1750007965-01	Wi-Fi coaxial cable, RP-SMA (F) to MHF4, 300mm