

PPC-WLAN-D

IEEE 802.11ax/ac/a/b/g/n +Bluetooth 5.2
M.2 2230 (A-E Key) Card



Specifications

Main Chipset	RTL 8852BE
Tx/Rx	2Tx/ 2Rx (2 IPEX MHF4 connector Receptacle)
Standard Conformance	IEEE 802.11ax/ac/a/b/g/n + Bluetooth 5.2
Form Factor	M.2 2230, A-E Key card
Interface	WiFi: PCI-E, Bluetooth: USB
Operation Voltage	DC 3.3V
Security	WAPI WEP 64-bit and 128-bit encryption with H/W TKIP processing WPA/WPA2/WPA3 (Wi-Fi Protected Access) AES-CCMP hardware implementation as part of 802.11i security standard
O.S Supported	Windows 10
Temperature Ranges	Operating temperature: 0 ~ 70 °C (32 ~ 158 °F)
Dimensions (L x W x H)	22 x 30 x 2.2 mm

Ordering Information

Part No.	Product Description
PPC-WLAN-D1	M.2, WiFi6 +BT5.2, 2T2R,w/Antenna, MiniPCle adapter
PPC-WLAN-D2	M.2, WiFi6 +BT5.2, 2T2R,w/Antenna

Features

- IEEE 802.11ax/a/b/g/n + Bluetooth 5.2
- Supports 2.4 GHz: 2.412 ~ 2.484 GHz , 5 GHz: 4.915 ~5.925GHz
- MU-MIMO, 2Tx/2Rx
- Operating temperature: 0 ~ 70 °C (32 ~ 158 °F)
- With M.2 (E Key) to Mini PCIe Adapter (for PPC-WLAN-D1)
- With 2.4/5G Hz dipole Antenna and 425 mm Coaxial Cable

Dimensions

unit: mm

WIFI/BT Module
M.2 to Mini PCIe Adapter
WIFI/BT Module + M.2 to Mini PCIe Adapter
Cable Length

Mouser Electronics

Authorized Distributor

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[PPC-WLAN-D2](#) [PPC-WLAN-D1](#)