

AX1800 Mbps Wi-Fi With Bluetooth 5.2 PCI Express adapter

Model: EP-9658



Description

Features

- * Complies with IEEE 802.11a/b/g/n/ac/ax WiFi and Bluetooth 5.2HS (WiFi: PCI-E, BT: USB) Supports PCI-E-X1/X4/X8/X16
- * 2.4G/5.8G frequency optional, 5GHz band rate up to 1200Mbps, 2.4GHz band rate up to 574Mbps
- * Supports Cisco CCX
- * Supports multiple BSSID
- * Keep working with high performance for a long time.
- * The router need to support AX and use 80Mhz channel, then the speed can reach to 1800Mbps.

Specifications

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|-----------|---|
| Model | EP-9658 |
| Chipset | RTL8852BE |
| Standards | IEEE 802.11a/b/g/n/ac/ax WiFi and Bluetooth5.2 +HS (WiFi: PCI-E, BT: USB) |
| PCI Bus | PCI-E-X1/X4/X8/X16 |

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| Frequency Range | WiFi: 2.4GHz, 5.8GHz BT: 2402MHz~2480MHz |
| Antenna | 2*5 dBi |
| Transmission Rate | 2.4G up to 574Mbps, 5.8G up to 1200Mbps, |
| Operating System | Microsoft Windows 10/11, Linux (内核 5.1 以上) |
| Dimensions (H x W x D) | M.2 2230: 22mm x 30mm x 5mm [1.5mm Max (Top Side)/ 0.1mm Max (Bottom Side)] M.2 1216: 12mm x 16mm x 1.67 (+-0.08)mm |
| Weight | M.2 2230: 2.83 +/- 0.3 g M.2 1216: 0.67 +/- 0.1 g |
| Radio ON/OFF Control | Supported |

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| Connector Interface | M.2: PCIe, USB |
| Operating Temperature (Adapter Shield) | 0°C to +80°C |
| Humidity Non-Operating | 50% to 90% RH non-condensing (at temperatures of 25°C to 35°C) |
| Wi-Fi Protocol | Wi-Fi CERTIFIED a, b, g, n, ac, ax with wave 2 features, WMM, WMM-Power Save, WPA, WPA2, WPS, PMF, Wi-Fi Direct, Wi-Fi Miracast, Wi-Fi Agile Multiband, Wi-Fi Optimized Connectivity, Wi-Fi Location, Passpoint, Wi-Fi Aware, and Wi-Fi TimeSync |
| IEEE WLAN Standard | IEEE 802.11-2016 and select amendments (selected feature coverage) IEEE 802.11a, b, g, n, ac, ax, d, e, h, i, k, r, u, v, w, ai; Fine Timing Measurement based on 802.11-2016 |
| Bluetooth | Bluetooth 5.2 |
| Security Methods | WPA and WPA2 Personal and Enterprise; WPA3 (pending OS support) |

