

## AX1800 Mbps Wi-Fi With Bluetooth 5.2 PCI Express adapter

**Model: EP-9658GS**



### 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

Model	EP-9658GS
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

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

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)

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