



## AX1800 WiFi with Bluetooth 5.2 PCI-E Network Card

**Model: EP-9655GS(AX1800)**

### Description

The EP-9655GS is a highly integrated and cost-effective Wireless Adapter that provides PCI Express interface, and full compliance with IEEE802.11ax and IEEE802.11a/b/g/n/ac standards. Wireless transmission rates can reach up to 1800Mbps. Using the EP-9655GS Wireless Desktop PCI-E Adapter not only can you connect your desktop computer to a high-speed Wi-Fi network and experience faster files transmission and high-speed Internet browsing from further distances across your home than that in previous-generation Wireless n technology, but also you can enjoy high performance wireless viewing HD multimedia and real-time online war game when the PCI-E Adapter work in 11ac 5G mode. This Desktop PCI-E Adapter is the best choice for the desktop computer users who want to enjoy a better wireless performance and high-speed Wi-Fi. The **Wi-Fi 6 MT7921** can provide Gigabit wireless speed and dramatically improve your connected experience at home, work, or on the go.

### Features

- Complies with IEEE 802.11a/b/g/n/ac/ax WiFi and Blue-tooth 5.2 (WiFi: PCI-E, BT: USB)
- Supports PCI-E-X1/X4/X8/X16
- 2.4G/5G dual frequency optional, 5GHz band rate up to 1200Mbps, 2.4GHz band rate up to 600Mbps
- Supports Cisco CCX
- Supports multiple BSSID
- The router need to support AX and use 160Mhz channel, then the speed can reach to 1200Mbps

## Specifications

Model	EP-9655GS
Chipset	MediaTek MT7921
Standards	IEEE 802.11a/b/g/n/ac/ax WiFi and BT5.2 (WiFi: PCI-E, BT: USB)
PCI Bus	PCI-E-X1/X4/X8/X16
Frequency Range	WiFi: 2.4GHz, 5.8GHz BT: 2402MHz~2483MHz
Antenna	2*6 dBi
Transmission Rate	2.4G up to 600Mbps, 5.8G up to 1200Mbps
Operating System	Microsoft Windows* 10, Linux*, Chrome OS*
Dimensions (H x W x D)	M.2 2230: 22mm x 30mm x 2.4mm [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 Alliance8	Wi-Fi CERTIFIED* a, b, g, n, ac 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
Blue-tooth	Blue-tooth 5.2
Security Methods	WPA* and WPA2* Personal and Enterprise; WPA3* (pending OS support)