BE8774 Wi-Fi 7 Bluetooth 5.4 PCIe Adapter

Model: EP-BE9715GS Pro

Description

This adapter is a highly integrated wireless adapter, providing a PCI Express interface and equipped with a Wi-Fi 7 (802.11be) module. It supports a 320 MHz ultra-wide bandwidth, 4096-QAM, Multi-RU, and Multi-Link Operation, delivering speeds that are 4.8 times faster than WiFi 6 and 13 times faster than WiFi 5. It fully complies with IEEE802.11be/ax/ac and IEEE802.11a/b/g/n standards. The wireless transmission rates can reach 5800Mbps (6GHz) + 2400Mbps (5GHz) + 574Mbps (2.4GHz).

With the EP-BE9765GS Pro Wireless Desktop PCI-E Adapter, you can enjoy smoother 8K streaming, VR/AR experiences, video conferences, online gaming, and high-speed downloads on your desktop computer. This desktop PCI-E adapter is the optimal choice for desktop computer users seeking improved wireless performance and a high-speed Wi-Fi network.

Description

Features

➢·Unparalleled Tri-Band Speed
- 5800Mbps (6GHz)
- 2400Mbps (5GHz)
- 574Mbps (2.4GHz)

➢·WiFi 7 Standard
- 320 MHz ultra-wide bandwidth
- 4096-QAM (Quadrature Amplitude Modulation)
- Multi-RU (Resource Unit)
- Multi-Link Operation
- Speeds 3× faster than WiFi 6 and 8.5× faster than WiFi 5

➢·Multi-Link Operation (MLO)

Supports 2.4G+5G MLO, 2.4G+6G MLO, 5G+6G MLO, pending Intel driver update

➢·Reliably Engineered

Specialized heatsink for improved stability and performance

Gold plating for enhanced performance even at high CPU temperatures

➢·Next-Generation Bluetooth 5.4

The EP-BE975GS Pro is compatible with the latest Bluetooth 5.4 technology. Compared to Bluetooth 5.4, it offers higher speeds and greater bandwidth, providing longer transmission distances and better signal stability.

➢·Backward Compatibility

Full support for 802.11be/ax/ac/a/b/g/n Wi-Fi standards

Specifications

Model	EP-BE9715GS Pro
Chipset	Intel Wi-Fi 7 BE200
Standards	IEEE 802.11be/ax/ac/n/a WiFi and BT5.4 +HS (WiFi: PCI-E, BT: USB)
PCI Bus	PCI-E-X1/X4/X8/X16
Frequency Range	WiFi: 2.4GHz/5GHz/6Ghz BT: 2402MHz~2483MHz
Antenna	2*5 dBi Detachable Antennas
Signal Rate	2.4G:574Mbps/5G:2400Mbps/6G:5800Mbps
Operating System	Microsoft Windows* 10/11, Linux*, Chrome OS*
Dimensions (H x W x D)	PCIe:68mm*77mm*15mm
Weight	M.2 2230: 2.83 +/− 0.3 g PCIe:230g +/−0.3g with packaging
Connector Interface	PCIe X1 , USB
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Operating Humidity	10%~90% non-condensing
Storage Humidity	5%~90% non-condensing

Modulation Technique	DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM, 256-QAM, 1024 QAM, 4096 QAM
BT	BT 5.4
Wireless Security	64/128-bit WEP, WPA/WAP2/WPA3, WPA-PSK/WPA2-PSK, 802.1x