

Why Choose Emwicon WiFi Modules for your IPC Solution?

- **Pro in I-Temp:** in addition to our commercial-grade modules (0-70° C), we offer industrial-grade modules with a temperature range of -40° C to 85° C.
- **Extensive product lines:** WiFi 4/5/6/6E/7, offered in multiple form factors such as M.2, Mini PCIe, LCC, LGA, and USB modules.
- **Long product supply lifespan:** up to 5 years or longer, significantly longer compared to Intel's WiFi modules.
- **Engineered and manufactured in Taiwan for the EmWicon brand.**
- **Comprehensive Support**

Below are a few recommended models. For complete details on our WiFi products, feel free to contact us for the brochure and specifications.

▼ WiFi Products

Wi-Fi 7

·WMX8202 (EmWicon: Taiwan)

 <p>WMX8202</p>  <ul style="list-style-type: none"> • WCN7851 • 802.11be 2.4/ 5/ 6 GHz • Bluetooth 5.4 • Supports HBS & DBS • PCIe, PCM/SLIM Bus, USB • I-Temp <p>Qualcomm</p>	 <p>NCM865/865A</p>  <ul style="list-style-type: none"> • WCN7851 • 802.11be 2.4/ 5/ 6 GHz • Bluetooth 5.4 • Supports HBS & DBS • PCIe, PCM, UART • C-Temp <p>Qualcomm</p>
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Wi-Fi 6 / 6E

Other three (EmWicon: Taiwan)

 <p>WMX7205</p>  <ul style="list-style-type: none"> • WCN6856 / QCA2066 • 802.11ax 2.4/ 5/ 6 GHz • Bluetooth 5.3 • Supports DBS • PCIe, USB • I-Temp <p>Qualcomm</p>	 <p>WMX7219</p>  <ul style="list-style-type: none"> • RTL8852CE • 802.11ax 2.4/ 5/ 6 GHz • Bluetooth 5.3 • Supports DBS • PCIe, USB • I-Temp <p>REALTEK</p>
<p>WMX7207</p>  <ul style="list-style-type: none"> • RTL8852BE • 802.11ax 2.4/ 5 GHz • Bluetooth 5.2 • PCIe, USB • I-Temp <p>REALTEK</p>	

Wi-Fi 5

<p>JWW6051</p>  <ul style="list-style-type: none"> • QCA6174A-5 • 802.11ac 2.4/ 5 GHz • Bluetooth 5.0 • PCIe, USB • I-Temp <p>Qualcomm</p>	<p>WMX6219</p>  <ul style="list-style-type: none"> • RTL8822CE • 802.11ac 2.4/ 5 GHz • Bluetooth 5.0 • PCIe, USB • I-Temp <p>REALTEK</p>	<p>WMU6203</p>  <ul style="list-style-type: none"> • RTL8822BU • 802.11ac 2.4/ 5 GHz • Bluetooth 4.2 • USB, USB • C-Temp <p>REALTEK</p>
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Wi-Fi mPCIe

 <p>WMX7203 series</p>  <ul style="list-style-type: none"> • WCN6856 / QCA2066 • 802.11ax 2.4/ 5/ 6 GHz • Bluetooth 5.3 • Supports DBS • PCIe, USB • I-Temp <p>Qualcomm</p>	 <p>WMU7212</p>  <ul style="list-style-type: none"> • RTL8852CU • 802.11ax 2.4/ 5/ 6 GHz • Bluetooth 5.2 • Supports DBS • USB, USB • C-Temp <p>REALTEK</p>	<p>WMX7206 series</p>  <ul style="list-style-type: none"> • RTL8852BE • 802.11ax 2.4/ 5 GHz • Bluetooth 5.2 • PCIe, USB • I-Temp <p>REALTEK</p>
<p>JWX6058</p>  <ul style="list-style-type: none"> • QCA6174A-5 • 802.11ac 2.4/ 5 GHz • Bluetooth 5.0 • PCIe, USB • I-Temp <p>Qualcomm</p>	<p>WMX6218</p>  <ul style="list-style-type: none"> • RTL8822CE • 802.11ac 2.4/ 5 GHz • Bluetooth 5.0 • PCIe, USB • I-Temp <p>REALTEK</p>	<p>WMU6202</p>  <ul style="list-style-type: none"> • RTL8822BU • 802.11ac 2.4/ 5 GHz • Bluetooth 4.2 • USB, USB • C-Temp <p>REALTEK</p>

Wi-Fi USB

 <p>WMU7214</p>  <p>WMU7215</p>  <ul style="list-style-type: none"> • RTL8852CU • 802.11ax 2.4/ 5/ 6 GHz • Bluetooth 5.2 • USB TYPE-A / Wafer • MHF 1/ PCB Antenna • USB • C-Temp <p>REALTEK</p>	 <p>WMI7211</p>  <ul style="list-style-type: none"> • RTL8852CU • 802.11ax 2.4/ 5/ 6 GHz • Bluetooth 5.2 • USB Dongle • PCB Antenna • USB • C-Temp <p>REALTEK</p>
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<p>WMU6204</p> <p>WMU6206</p>  <ul style="list-style-type: none"> • RTL8822BU • 802.11ac 2.4/ 5 GHz • Bluetooth 4.2 • USB TYPE-A • MHF 1/ PCB Antenna • USB • C-Temp <p>Qualcomm</p>	<p>WMU6205</p> <p>WMU6207</p>  <ul style="list-style-type: none"> • RTL8822BU • 802.11ac 2.4/ 5 GHz • Bluetooth 4.2 • Wafer • MHF 1/ PCB Antenna • USB • C-Temp <p>REALTEK</p>	<p>WMI6201</p>  <ul style="list-style-type: none"> • RTL8822BU • 802.11ac 2.4/ 5 GHz • Bluetooth 4.2 • USB Dongle • PCB Antenna • USB • C-Temp <p>REALTEK</p>
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