Model: WE3000S 2.0

# AX5400 Wi-Fi 6E Bluetooth 5.3 PCI-E Adapter




Datasheet

# Highlights

A Wi-Fi 6E and Bluetooth PCI-E adapter built on an AX210 Intel module with a heatsink. Install it to equip your Windows 10/11 PC with advanced wireless connectivity.

- Tri-Band Wi-Fi 6E
- 2.4 Gbps + 2.4 Gbps + 574 Mbps WiFi
- Bluetooth 5.3
- Intel AX210 Module
- Works on Windows 10/11
- Detachable Antennas on Magnetic Base

Actual wireless data throughput will vary as a result of network conditions, client limitations, and environmental factors including building layout, obstacles, and client location.

# Package Content

- WE3000S
- Detachable Antennas
- Bluetooth to 9-PIN USB Cable
- Low-Profile Bracket
- Installation Guide

# Hardware Specs

| | | |
|---|---|---|
| **Model Version** | WE3000S 2.0 | |
| **Wireless** | 6 GHz Wi-Fi Speed | 2402 Mbps |
| | 5 GHz Wi-Fi Speed | 2402 Mbps |
| | 2.4 GHz Wi-Fi Speed | 574 Mbps |
| | 5 GHz Wi-Fi Streams | 2 Spatial Streams |
| | 2.4 GHz Wi-Fi Streams | 2 Spatial Streams |
| | Wi-Fi Antennas | 2× Detachable |
| | Detachable Wi-Fi Antennas Connector | RP-SMA Female |
| **Interfaces** | Upstream Connection | • PCI-E x1<br>• USB 9-Pin |

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|---|---|---|
| **Reliability** | Environment | • Ambient Operating Temperature: 0 ℃ ~ 70 ℃ (32 ℉ ~158 ℉)<br>• Storage Temperature: -40 ℃ ~ 70 ℃ (-40 ℉ ~ 158 ℉)<br>• Humidity: 10% ~ 90% non-condensing<br>• Storage Humidity: 5% ~ 95% non-condensing |
| **Requirements** | Hardware Requirement | • Requires a PCI-E x1 or higher standard slot on the motherboard for powering and the WiFi function<br>• Requires a USB 9-Pin slot on the motherboard for the Bluetooth function |
| | Compatible OS | Windows 10/11 64-Bit |
| | Driver Installation | Manual driver installation for Windows. Driver available in the Download Center. |
| **Certifications** | FCC, CE | |

# Hardware Specs

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|---|---|---|
| **Mechanical** | Dimension | Main Part (without the bracket):<br>70×45.5×20 mm<br>2.76×1.79×0.79 inches<br>Each Antenna:<br>Φ15×221.5 mm<br>Φ0.59×8.72 inches |
| | Product Weight | 116 g (4.09 oz.) |
| **Package Content** | • WE3000S<br>• Detachable Antennas<br>• Bluetooth to 9-PIN USB Cable<br>• Low-Profile Bracket<br>• Installation Guide | |
| **Ordering Information** | Retail Package Weight | 261 g (9.21 oz.) |
| | Retail Package Dimension | 232×136×40 mm<br>9.13×5.35×1.57 inches |
| | Carton Net Weight | 15.7 kg (34.61 lbs) |
| | Carton Gross Weight | 16.8 kg (37.04 lbs) |
| | Units per Carton | 60 |

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|---|---|---|
| **Ordering Information** | Carton Dimension | 43.5×43×48 cm<br>17.13×16.93×18.9 inches |

# Software Specs

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|---|---|---|
| **Model Version** | WE3000S 2.0 | |
| **Wireless** | Wi-Fi Standards | Wi-Fi 6E |
| | Max Wi-Fi Modulation | 1024-QAM |
| | Wi-Fi Efficiency | • OFDMA<br>• MU-MIMO<br>• BSS Color |
| | Wi-Fi Channel Width | Auto/20/40/80/160 MHz |
| | Wi-Fi Security | WPA/WPA2/WPA3 |
| | Bluetooth Standards | Bluetooth 5.3 |
| **Drivers** | Manual Installation. Driver is available in the download center. | |