

Fenvi FU-AX300

Fenvi FU-AX300 Wi-Fi 6 USB Adapter User Manual

Model: FU-AX300

1. INTRODUCTION

The Fenvi FU-AX300 is a compact Wi-Fi 6 USB adapter designed to provide wireless connectivity to your desktop or laptop computer. It offers AX300 speeds on the 2.4 GHz band, making it suitable for everyday internet activities such as browsing, online classes, and HD streaming. Featuring OFDMA technology, it enhances efficiency in crowded network environments, and WPA3 security provides improved protection for your wireless connection. Its nano form factor allows it to remain plugged into a USB port without obstructing adjacent ports.

- **AX300 Class Speed:** Up to 287 Mbps on 2.4 GHz for reliable performance.
- **Wi-Fi 6 Efficiency:** OFDMA technology reduces network congestion.
- **Enhanced Security:** Supports WPA3 encryption (requires compatible router).
- **Ultra-Compact Design:** Nano form factor for discreet use.
- **Easy Installation:** Driver installation for Windows 11/10.

2. PACKAGE CONTENTS

Please verify that your package contains the following items:

- Fenvi FU-AX300 Wireless USB Adapter

Note: Drivers are typically included on the device itself for easy installation or can be downloaded from the manufacturer's website.

3. SETUP INSTRUCTIONS

Follow these steps to install and set up your Fenvi FU-AX300 Wi-Fi 6 USB Adapter:

1. **Insert the Adapter:** Locate an available USB port on your desktop or laptop computer. Carefully insert the Fenvi FU-AX300 USB adapter into the USB port. Ensure it is fully seated.
2. **Driver Installation (Windows 11/10):**

- For most Windows 11/10 systems, the operating system may automatically detect and install the necessary drivers. Wait a few moments for this process to complete.
 - If automatic installation does not occur, or if prompted, you may need to run the driver installer. The FU-AX300 is often "driver-free" meaning the driver is stored on the device itself and can be accessed like a USB drive.
 - Open "This PC" or "My Computer" and look for a new drive labeled "FENVI" or similar. Double-click to open it and run the setup executable (e.g., "setup.exe" or "install.exe").
 - Follow the on-screen instructions to complete the driver installation.
 - Alternatively, download the latest drivers from the official Fenvi support website if you encounter issues.
3. **Verify Installation:** After driver installation, check your computer's Device Manager (search for "Device Manager" in Windows search) under "Network adapters" to confirm that the Fenvi FU-AX300 adapter is listed and functioning correctly.



Image: The Fenvi FU-AX300 adapter shown plugged into a laptop, demonstrating its small size. Key features such as Fast Wi-Fi, Efficient Connectivity, Stable Connection, Compact Design, and Easy Setup are listed alongside.

4. OPERATING INSTRUCTIONS

Once the drivers are successfully installed, you can connect to a wireless network:

1. **Access Wi-Fi Settings:** Click on the Wi-Fi icon in the system tray (usually in the bottom-right corner of your screen) or navigate to *Settings > Network & Internet > Wi-Fi*
2. **Select Network:** A list of available Wi-Fi networks will appear. Select your desired network (SSID).
3. **Connect:** Click "Connect" and enter the network security key (Wi-Fi password) if prompted.
4. **Confirm Connection:** Once connected, the Wi-Fi icon will indicate an active connection, and you should have internet access.

High Speed Wi-Fi Technology

Single-band PCI-E network card with a speed of 300Mbps.

300Mbps
Wi-Fi 6

300Mbps
Wi-Fi 4

Wi-Fi 6 Performance Boost with OFDMA and MU-MIMO Technology

Wi-Fi 4

Data transmitted without OFDMA

Wi-Fi 6

Data transmitted with OFDMA

Image: This diagram illustrates the benefits of Wi-Fi 6 technology, specifically OFDMA and MU-MIMO, in improving network efficiency compared to older Wi-Fi 4 standards, especially in scenarios with multiple connected devices.

5. MAINTENANCE

To ensure optimal performance and longevity of your Fenvi FU-AX300 adapter, consider the following maintenance tips:

- **Keep Drivers Updated:** Periodically check the Fenvi official website for the latest driver updates. Updated drivers can improve performance, stability, and security.
- **Clean Gently:** If necessary, gently clean the adapter with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- **Avoid Physical Damage:** While compact, avoid bending or applying excessive force to the adapter when it is plugged in or stored.

- **Optimal Placement:** For best signal strength, ensure the adapter is not obstructed by other objects or placed in an enclosed space.

6. TROUBLESHOOTING

If you encounter issues with your Fenvi FU-AX300 adapter, refer to the following troubleshooting steps:

- **No Wi-Fi Networks Detected:**

- Ensure the adapter is securely plugged into a USB port.
- Verify that the drivers are correctly installed in Device Manager. Reinstall drivers if necessary.
- Check if your computer's Wi-Fi is enabled (e.g., via a physical switch or keyboard shortcut).
- Restart your computer and your Wi-Fi router.

- **Slow Connection Speed:**

- Ensure you are within range of your Wi-Fi router.
- Minimize interference from other electronic devices (e.g., microwaves, cordless phones).
- Update your adapter's drivers to the latest version.
- Check your internet service provider's speed.

- **"Driver not compatible with Windows 11" (as per some user feedback):**

- While the product is advertised for Windows 11/10, if you face compatibility issues, ensure you have downloaded the absolute latest drivers directly from the Fenvi official website.
- Try installing the driver in compatibility mode for an earlier Windows version if available.
- Contact Fenvi technical support for specific Windows 11 driver assistance.

- **Frequent Disconnections:**

- Move closer to your Wi-Fi router.
- Ensure your router's firmware is up to date.
- Disable power-saving features for the USB port in Device Manager (under USB Root Hub properties, Power Management tab, uncheck "Allow the computer to turn off this device to save power").

7. SPECIFICATIONS

Product Dimensions



Image: This image displays the compact dimensions of the Fenvi FU-AX300 USB adapter, measuring 24mm in length, 16mm in width, and 7mm in thickness. It also highlights the 3-year warranty.

Fenvi FU-AX300 Technical Specifications

Feature	Detail
Brand	Fenvi
Model Number	FU-AX300
Hardware Interface	USB 2.0
Data Link Protocol	IEEE 802.11a (Wi-Fi 6 / 802.11ax compatible)
Data Transfer Rate	Up to 300 Mbps (2.4 GHz)
Security	WPA3 (router support required)
Features	MU-MIMO, OFDMA
Compatible Operating Systems	Windows 11, Windows 10
Product Dimensions (L x W x H)	40 x 20 x 15 Millimeters
Item Weight	25 Grams
Color	Black
Country of Origin	China

Product Specifications



Brand : Fenvi

Model : FU-AX300

Standard IEEE : 802.11 ax

Interface : USB 2.0

Security: WPA3

**Data Rate Mbps : 2.4GHz -
286Mbps**

Features : MU-MIMO, OFDMA

OS Compatibility : Windows 7/10/11

Warranty : 3 years

Image: This image provides a summary of the Fenvi FU-AX300's key specifications, such as its brand (Fenvi), model (FU-AX300), Wi-Fi standard (IEEE 802.11ax), USB 2.0 interface, WPA3 security, 2.4GHz data rate, MU-MIMO/OFDMA features, Windows 7/10/11 compatibility, and 3-year warranty.

8. WARRANTY AND SUPPORT

Warranty Information: The Fenvi FU-AX300 Wi-Fi 6 USB Adapter comes with a **3-Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.

Technical Support: For further assistance, driver downloads, or troubleshooting not covered in this manual, please visit the official Fenvi support website or contact their customer service. Contact details are typically available on the manufacturer's website or product packaging.

Manufacturer: Fenvi

Importer Contact Information: Compassco No 98 1st Floor Digital Park Road Yeshwanthpur Industrial Suburb Bangalore Karnataka 560022 India

Packer Contact Information: Shenzhen fenvi Technology Co., Ltd 401C West Area, North Block, High tech Industrial Park, Beier Road, Bantian Community, Bantian Street, Longgang District, Shenzhen China