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> [NETVIP 1200Mbps Dual Band USB WiFi Adapter \(Model 6B28\) Instruction Manual](#)

NETVIP 6B28

NETVIP 1200Mbps Dual Band USB WiFi Adapter (Model 6B28) Instruction Manual

Model: 6B28 | Brand: NETVIP

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your NETVIP 1200Mbps Dual Band USB WiFi Adapter. Please read this guide thoroughly to ensure proper usage and optimal performance of the device. This adapter is designed to provide high-speed wireless connectivity for your desktop or laptop computer.

2. PRODUCT FEATURES

- **High-Speed Wireless Connectivity:** Achieves up to 867Mbps on the 5GHz band and 300Mbps on the 2.4GHz band, totaling 1200Mbps.
- **Dual Band Support:** Operates on both 2.4GHz and 5GHz frequencies for flexible and stable connections.
- **High Gain Antennas:** Equipped with two 5dBi external antennas for enhanced signal reception and transmission range.
- **USB 3.0 Interface:** Provides up to 10 times faster data transfer speeds compared to USB 2.0, ensuring maximum throughput.
- **USB 3.0 Cradle:** Includes a desktop cradle for flexible placement of the adapter to optimize signal reception.
- **Wide Compatibility:** Supports Windows 11, 10, 8.1, 8, 7, XP, and Mac OS 10.9-10.15.

AC1200Mbps Faster WiFi Speed

Get 867Mbps Wi-Fi speed on 5GHz band or 300Mbps speed on 2.4GHz band, ideal choice for online 4K video streaming or gaming



Image: The NETVIP USB WiFi Adapter illustrating its dual-band capabilities with speeds of 867Mbps on 5GHz and 300Mbps on 2.4GHz.

Equipped with USB 3.0

10 times faster than USB 2.0, ensuring the highest throughput.



USB3.0



USB2.0

Image: The adapter highlighting its USB 3.0 interface, which offers significantly faster speeds than USB 2.0.

High Gain Antennas

Wide range of reception and strong transmission signal



360° rotation



90° rotation

Image: The adapter showcasing its high gain antennas, which can be rotated 360 degrees and adjusted 90 degrees for optimal signal.

3. PACKAGE CONTENTS

Please verify that all items are present in the package:

- NETVIP 1200Mbps USB WiFi Adapter
- USB 3.0 Cradle
- Driver Mini-CD
- Quick Installation Guide



Image: All components included in the NETVIP USB WiFi Adapter package: the adapter, USB 3.0 cradle, driver mini-CD, and quick installation guide.

4. SETUP INSTRUCTIONS

1. Connect the Adapter:

Plug the NETVIP USB WiFi Adapter directly into an available USB 3.0 port on your desktop or laptop. For optimal signal, you may use the included USB 3.0 cradle to position the adapter away from your computer, ensuring the antennas have clear line of sight to your wireless router.

2. Install Drivers:

- **For Windows 10/11:** In most cases, the operating system will automatically detect and install the necessary drivers. If not, proceed to the next step.
- **Using the Driver Mini-CD:** Insert the provided mini-CD into your computer's optical drive. Follow the on-screen instructions to install the drivers.
- **Downloading Drivers (if no optical drive):** If your computer lacks an optical drive, you will need to download the drivers from the NETVIP official support website. Search for "NETVIP 6B28 driver" to find the correct download. Transfer the downloaded driver to your computer and run the installer.

3. Connect to a WiFi Network:

Once the drivers are successfully installed, your computer will detect available wireless networks. Select your desired network (either 2.4GHz or 5GHz band) from the WiFi settings and enter the password if prompted.

Systems Supported

Works with any router, modem



Windows 10



Windows 8/8.1



Windows 7
/Vista/XP



Mac OS
10.9-10.15



Image: The adapter indicating support for various operating systems including Windows 10, 8/8.1, 7/Vista/XP, and Mac OS 10.9-10.15.

5. OPERATING INSTRUCTIONS

5.1 Receiving WiFi

After successful driver installation and connection, your computer will use the NETVIP adapter for wireless internet access. You can switch between 2.4GHz and 5GHz networks through your operating system's standard WiFi settings. The 5GHz band offers faster speeds over shorter distances, while the 2.4GHz band provides better range and penetration through obstacles.

5.2 Launching WiFi (Hotspot Mode)

Some operating systems and driver software may allow the adapter to function as a wireless access point, sharing your computer's internet connection with other devices. Refer to your operating system's network sharing settings or the adapter's utility software for instructions on enabling this feature.

5.3 Optimizing Signal

The dual external antennas can be adjusted to improve signal strength. Experiment with different angles (360° rotation and 90° tilt) to find the best reception. Using the USB 3.0 cradle allows for flexible positioning of the adapter, which can significantly impact signal quality, especially in areas with weak coverage.

Receive & Launch WiFi

Receive WiFi

Connect your desktop/laptop to WiFi



Launch WiFi

Connect your desktop/laptop to WiFi



Image: Illustration of the adapter's dual functionality: receiving WiFi for a desktop computer and launching WiFi (hotspot mode) from a laptop to share with a mobile device.



Image: Various usage scenarios demonstrating the adapter's application in professional, home, and entertainment settings.

6. MAINTENANCE

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the adapter yourself, as this will void the warranty and may cause damage.
- Ensure the antennas are not bent or damaged, as this can affect signal performance.

7. TROUBLESHOOTING

• Device Not Recognized:

Ensure the adapter is firmly plugged into a USB port. Try a different USB port, preferably a USB 3.0 port. Reinstall the drivers.

- **No WiFi Signal or Weak Signal:**

Verify that your wireless router is powered on and functioning correctly. Adjust the position and angle of the adapter's antennas. Use the USB 3.0 cradle to place the adapter in a location with better signal reception. Ensure there are no major obstructions between the adapter and the router. Update drivers to the latest version.

- **Slow Connection Speed:**

Confirm you are connected to the 5GHz band if available, as it generally offers faster speeds. Ensure your router supports the 5GHz band and is configured correctly. Check for interference from other electronic devices. Update the adapter's drivers.

- **Driver Installation Issues:**

If the mini-CD is not readable or your computer lacks an optical drive, download the latest drivers from the NETVIP official support website. Disable any antivirus software temporarily during driver installation if it interferes. Ensure you are installing the correct driver for your operating system version.

- **Frequent Disconnections:**

This could be due to a weak signal; try optimizing antenna placement. Check for conflicting network adapters in your device manager and disable any unused ones. Ensure your router's firmware is up to date.

8. SPECIFICATIONS

Brand	NETVIP
Model Number	6B28
Hardware Interface	USB 3.0
Data Transfer Rate	1200 Mbps (867 Mbps on 5GHz, 300 Mbps on 2.4GHz)
Antennas	2 x 5dBi High Gain Antennas
Compatible Operating Systems	Windows 11/10/7/8/8.1/XP, Mac OS 10.9-10.15
Compatible Devices	Desktop, Laptop
Item Weight	3.03 ounces
Package Dimensions	8 x 4.1 x 1.5 inches

9. SAFETY INFORMATION

- Do not expose the device to water or moisture.
- Keep the device away from heat sources and open flames.
- Use only the provided accessories or those recommended by the manufacturer.
- Keep out of reach of children.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official NETVIP website. If you encounter any issues not covered in this manual, please contact NETVIP customer service for assistance.