WAVLINK ROUTER Docs

None

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2.1 Products

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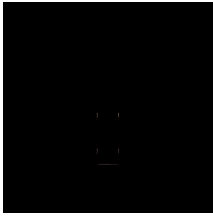**Indoor Repeater**

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2.2 AX6000

2.2.1 AX6000

WS-WN536AX6-A　　　**WS-WN592AX6-A**

2.2.2 WL-WN592AX6-A

WS-WN592AX6 adopts Wi-Fi 6 (802.11ax) technology for faster speeds, greater capacity and reduced network congestion compared to the previous generation. It achieves a total networking speed of about 4804 Mbps on the 5GHz band and 1148 Mbps on the 2.4GHz band,which is super network speed that suffice almost any data-heavy activities including video conference calls, 8K movie watching, online gaming, etc.

SPECIFICATION	
Ports	1 x 2.5Gigabit WAN,1 x 2.5Gigabit LAN,3 x 10/100/1000Mbps LAN
USB	1 x USB3.0
Button	1 x WPS Button,1 x Reset Button
LED	1 x SYS
Flash	128MB (1Gb)
DDR3	512MB (4Gb)
Standard	Wi-Fi 6 IEEE 802.11ax/ac/n/a 5 GHz IEEE 802.11ax/n/b/g 2.4 GHz
Speed	AX6000 5 GHz: 4804Mbps (802.11ax, HE160) 2.4 GHz: 1148 Mbps (802.11ax)
Antennas	4 x 5dBi 2.4G, 4 x 5dBi 5G
Power Supply	DC 12V/1.5A
Operating Temperature	0ºC~40ºC
Storage Temperature	-10~70℃

- 1 x WiFi Router
- 1 x RJ45 Ethernet Cable
- 1 x Power Adapter
- 1 x Quick Start Guide

First Time Setup

All wavlink devices have a convenient and identical setup process.

For details **click here for the first setup.**

Network

Network Settings You can select **different Internet access modes**. You can select different Internet access modes according to your requirements.

• Mode Selection

• WAN

• LAN

• IPv6

• Static IP Binding

Click here to learn more about the network configuration.

Wireless

The wireless management function helps users optimize and manage wireless networks and improve the performance and stability of wireless networks by providing functions such as **channel selection**, **guest WiFi**, **dual-band integration**, and **Wi-Fi security** settings.

Click here to learn more about the wireless configuration.

Mesh Settings

Mesh is a network topology that creates a wireless network with wider coverage by connecting multiple routers together.mesh can provide **greater coverage**, improve **network performance**, achieve **seamless roaming** and enhance **network stability**, bringing users a better network experience.

• **How to establish a mesh network?**

• **How to view the network topology diagram?**

Terminal Management

Terminal devices refer to end-user devices connected to the router, such as **computers**, **mobile phones**, **smart homes**, etc.

Click here to learn **how to manage terminal devices**.

Parental control

The parental control feature can help parents establish a reasonable **home network management mechanism**, protect their children's safety on the Internet, cultivate **healthy Internet habits**, and promote their healthy growth.

- Wi-Fi Scheduling
- Web Block

Click to learn **how to better use parental control**.

VPN

VPN can enhance the security and privacy of home or business networks, providing **remote access**, **data encryption**, **Wi-Fi security** and other functions, allowing users to use the Internet more freely and safely.

- **How to use OpenVPN Client?**
- **How to use OpenVPN Server?**
- **How to use WireGuard Client?**
- **How to use WireGuard Server?**
- **How to set up VPN Client?**
- **How to use ZeroTier?**

USB Management

- **USB DLNA**
- **USB Print**

Adnvanced

- **AD Guard**
- **Port Forwarding**
- **Remote Wakeup**
- **SQM QoS**
- **DMZ Management**

More

- Security Settings
- Remote Control
- Network Diagnostics
- Backup and Restore
- Firmware Update
- Timing Reboot

Some common functions are listed for you. If you want to know more functions, click on **the feature guide**. More functions are waiting for you to explore.

2.2.3 WL-WN536AX6-A

The AX6000 Router upgrades your network to the next generation of Wi-Fi. With combined wireless speeds of up to 2.4GHz 1148Mbps and 5GHz 4804Mbps, the device provides excellent speeds and superior omni-directional wireless range.

It has dual frequency 8 stream,supports 160MHz bandwidth.You can run multiple applications in a large home or office. Sending email, browsing the web, and bandwidth-intensive tasks like online gaming or streaming 4K video can be easily accomplished.

The AX6000 Router provides one 2.5G high-speed wired network port, which can be customized for WAN/LAN purposes

SPECIFICATION	
Ports	1 x 2.5Gbps WAN, 4 x 1000Mbps LAN, 1xUSB3.0
Button	1xPower On/Off, 1xReset, 1xPair, 1xTurbo
LED	4 xLAN, 1xWAN, 1xWiFi, 1xPower, 1xStatues
Flash	128MB
SDRAM	512MB
Standard	IEEE 802.11b/g/n/a/ac/ax
Speed	802.11ax : 2.4G 1148Mbps+5G 4804Mbps
Antennas	8x5dBi Omni Directiona Antennas
Power Supply	DC12V 1.5A
Operating Temperature	0ºC~40ºC
Storage Temperature	-10~70℃
Unit Dimensions	235mm x235 mm x 40mm (L x W x H)

It is important to remind you that the adapter type in each - product package depends on your shipping country/region. The package contains the following contents:

- 1 x AX6000 Mesh Router
- 1 x RJ-45 Networking Cable
- 1 x Power Adapter
- 1 x Quick Installation

First Time Setup

All wavlink devices have a convenient and identical setup process.

For details **click here for the first setup.**

Network

Network Settings You can select **different Internet access modes**. You can select different Internet access modes according to your requirements.

- Mode Selection
- WAN
- LAN
- IPv6
- Static IP Binding

Click here to learn more about the network configuration.

Wireless

The wireless management function helps users optimize and manage wireless networks and improve the performance and stability of wireless networks by providing functions such as **channel selection**, **guest WiFi**, **dual-band integration**, and **Wi-Fi security** settings.

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Mesh Settings

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- **How to establish a mesh network?**
- **How to view the network topology diagram?**

Terminal Management

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Click here to learn **how to manage terminal devices**.

Parental control

The parental control feature can help parents establish a reasonable **home network management mechanism**, protect their children's safety on the Internet, cultivate **healthy Internet habits**, and promote their healthy growth.

• Wi-Fi Scheduling

• Web Block

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• **How to use OpenVPN Client?**

• **How to use OpenVPN Server?**

• **How to use WireGuard Client?**

• **How to use WireGuard Server?**

• **How to set up VPN Client?**

• **How to use ZeroTier?**

USB Management

• **USB DLNA**

• **USB Print**

Adnvanced

• **AD Guard**

• **Port Forwarding**

• **Remote Wakeup**

• **SQM QoS**

• **DMZ Management**

More

• Security Settings

• Remote Control

• Network Diagnostics

• Backup and Restore

• Firmware Update

• Timing Reboot

Some common functions are listed for you. If you want to know more functions, click on **the feature guide**. More functions are waiting for you to explore.

2.3 AX3000

2.3.1 AX3000

WS-WN591AX3-A   **WS-WN531AX3-A**   **WS-WN586X3-B**   **WS-WN583AX3-A**

WS-WN573HX3-A   **WS-WN573HP3-A**

2.3.2 WL-WN591AX3-A

WS-WN591AX3 adopts Wi-Fi 6 (802.11ax) technology for faster speeds, greater capacity and reduced network congestion compared to the previous generation. It achieves a total networking speed of about 2402 Mbps on the 5GHz band and 574 Mbps on the 2.4GHz band,which is super network speed that suffice almost any data-heavy activities including video conference calls, 8K movie watching, online gaming, etc.

SPECIFICATION	
Ports	1 x10/100/1000 WAN,4 x10/100/1000Mbps LAN
USB	1 x USB3.0
Button	1 x Pair Button,1 x Reset Button
LED	1 x SYS
Flash	128MB (1Gb) Nand Flash
DDR3	256MB (4Gb) DDR3
Standard	Wi-Fi 6　IEEE 802.11ax/ac/n/a 5 GHz　IEEE 802.11ax/n/b/g 2.4 GHz
Speed	AX3000　5 GHz: 2402Mbps (802.11ax, HE160)　2.4 GHz: 574 Mbps (802.11ax)
Antennas	3 x 5dBi 2.4G, 3 x 5dBi 5G
Power Supply	DC 12V/1A
Operating Temperature	0ºC~40ºC
Storage Temperature	-10~70℃

It is important to remind you that the adapter type in each - product package depends on your shipping country/region. The package contains the following contents:

• 1x WiFi Router
• 1 x RJ45 Ethernet Cable
• 1 xPower Adapter
• 1 x Quick Start Guide

First Time Setup

All wavlink devices have a convenient and identical setup process.

> For details **click here for the first setup.**

Network

Network Settings You can select **different Internet access modes**. You can select different Internet access modes according to your requirements.

- Mode Selection
- WAN
- LAN
- IPv6
- Static IP Binding

> **Click here to learn more about the network configuration.**

Wireless

The wireless management function helps users optimize and manage wireless networks and improve the performance and stability of wireless networks by providing functions such as **channel selection**, **guest WiFi**, **dual-band integration**, and **Wi-Fi security** settings.

> **Click here to learn more about the wireless configuration.**

Mesh Settings

Mesh is a network topology that creates a wireless network with wider coverage by connecting multiple routers together.mesh can provide **greater coverage**, improve **network performance**, achieve **seamless roaming** and enhance **network stability**, bringing users a better network experience.

- **How to establish a mesh network?**
- **How to view the network topology diagram?**

Terminal Management

Terminal devices refer to end-user devices connected to the router, such as **computers**, **mobile phones**, **smart homes**, etc.

> Click here to learn **how to manage terminal devices**.

Parental control

The parental control feature can help parents establish a reasonable **home network management mechanism**, protect their children's safety on the Internet, cultivate **healthy Internet habits**, and promote their healthy growth.

• Wi-Fi Scheduling

• Web Block

Click to learn **how to better use parental control**.

VPN

VPN can enhance the security and privacy of home or business networks, providing **remote access**, **data encryption**, **Wi-Fi security** and other functions, allowing users to use the Internet more freely and safely.

• **How to use OpenVPN Client?**

• **How to use OpenVPN Server?**

• **How to use WireGuard Client?**

• **How to use WireGuard Server?**

• **How to set up VPN Client?**

• **How to use ZeroTier?**

USB Management

• **USB DLNA**

• **USB Print**

Adnvanced

• **AD Guard**

• **Port Forwarding**

• **Remote Wakeup**

• **SQM QoS**

• **DMZ Management**

More

• Security Settings

• Remote Control

• Network Diagnostics

• Backup and Restore

• Firmware Update

• Timing Reboot

Some common functions are listed for you. If you want to know more functions, click on **the feature guide**. More functions are waiting for you to explore.

2.3.3 WL-WN586X3-A

The Device upgrades your network to the next generation of Wi-Fi. With combined wireless speeds of up to 2.4GHz 574Mbps and 5GHz 2402Mbps, the device provides excellent speeds and superior omnidirectional wireless range.

The AX3000 Wi-Fi 6 router built with the latest generation Wi-Fi 6 technology provides greater capacity to handle more devices on your network.

SPECIFICATION	
Ports	1 x10/100/1000Mbps WAN PORT ; 2 x10/100/1000Mbps LAN PORT
Button	1 x PAIR&Reset
LED	2x LAN, 1 x WAN, 1 x WiFi, 1 x PWR, 1 x SYS
Flash	16MB
DDR3 RAM	256MB
Standard	IEEE 802.11b/g/n/a/ac/ax
Speed	802.11ax: 5GHz 2401Mbps and 2.4GHz 574Mbps ; Compatible with 802.11a/b/g/n/ac Wi-Fi standard
Antennas	2 x 2.4G 5dBi Omni Directional Antennas / 2 x 5G 5dBi Omni Directional Antennas
Power Supply	DC 12V/1A
Operating Temperature	0ºC~40ºC
Storage Temperature	-10~70℃

It is important to remind you that the adapter type in each - product package depends on your shipping country/region. The package contains the following contents:

- 1 x Wi-Fi Router
- 1 x RJ-45 Networking Cable
- 1 x Quick Installation
- 1 x Power Adapters

First Time Setup

All wavlink devices have a convenient and identical setup process.

For details **click here for the first setup.**

Network

Network Settings You can select **different Internet access modes**. You can select different Internet access modes according to your requirements.

- Mode Selection
- WAN
- LAN
- IPv6
- Static IP Binding

Click here to learn more about the network configuration.

Wireless

The wireless management function helps users optimize and manage wireless networks and improve the performance and stability of wireless networks by providing functions such as **channel selection**, **guest WiFi**, **dual-band integration**, and **Wi-Fi security** settings.

Click here to learn more about the wireless configuration.

Mesh Settings

Mesh is a network topology that creates a wireless network with wider coverage by connecting multiple routers together.mesh can provide **greater coverage**, improve **network performance**, achieve **seamless roaming** and enhance **network stability**, bringing users a better network experience.

- **How to establish a mesh network?**
- **How to view the network topology diagram?**

Terminal Management

Terminal devices refer to end-user devices connected to the router, such as **computers**, **mobile phones**, **smart homes**, etc.

Click here to learn **how to manage terminal devices**.

Parental control

The parental control feature can help parents establish a reasonable **home network management mechanism**, protect their children's safety on the Internet, cultivate **healthy Internet habits**, and promote their healthy growth.

• Wi-Fi Scheduling

• Web Block

Click to learn **how to better use parental control**.

More

• Security Settings

• Remote Control

• Network Diagnostics

• Backup and Restore

• Firmware Update

• Timing Reboot

Some common functions are listed for you. If you want to know more functions, click on **the feature guide**. More functions are waiting for you to explore.

2.3.4 WL-WN586X3-B

The Device upgrades your network to the next generation of Wi-Fi. With combined wireless speeds of up to 2.4GHz 574Mbps and 5GHz 2402Mbps, the device provides excellent speeds and superior omnidirectional wireless range.

The AX3000 Wi-Fi 6 router built with the latest generation Wi-Fi 6 technology provides greater capacity to handle more devices on your network.

SPECIFICATION	
Ports	1 x10/100/1000Mbps WAN PORT ; 2 x10/100/1000Mbps LAN PORT
Button	1 x PAIR&Reset
LED	2x LAN, 1 x WAN, 1 x WiFi, 1 x PWR, 1 x SYS
Flash	128MB
DDR3 RAM	256MB
Standard	IEEE 802.11b/g/n/a/ac/ax
Speed	802.11ax: 5GHz 2401Mbps and 2.4GHz 574Mbps ; Compatible with 802.11a/b/g/n/ac Wi-Fi standard
Antennas	2 x 2.4G 5dBi Omni Directional Antennas / 2 x 5G 5dBi Omni Directional Antennas / 1 x 5G 5dBi Built-in omnidirectional antenna
Power Supply	DC 12V/1A
Operating Temperature	0ºC~40ºC
Storage Temperature	-10~70℃

It is important to remind you that the adapter type in each - product package depends on your shipping country/region. The package contains the following contents:

• 1 x Wi-Fi Router

• 1 x RJ-45 Networking Cable

• 1 x Quick Installation

• 1 x Power Adapters

First Time Setup

All wavlink devices have a convenient and identical setup process.

> For details **click here for the first setup.**

Network

Network Settings You can select **different Internet access modes**. You can select different Internet access modes according to your requirements.

• Mode Selection

• WAN

• LAN

• IPv6

• Static IP Binding

Click here to learn more about the network configuration.

Wireless

The wireless management function helps users optimize and manage wireless networks and improve the performance and stability of wireless networks by providing functions such as **channel selection**, **guest WiFi**, **dual-band integration**, and **Wi-Fi security** settings.

Click here to learn more about the wireless configuration.

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• **How to establish a mesh network?**

• **How to view the network topology diagram?**

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- Wi-Fi Scheduling
- Web Block

Click to learn **how to better use parental control**.

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- **How to use OpenVPN Client?**
- **How to use OpenVPN Server?**
- **How to use WireGuard Client?**
- **How to use WireGuard Server?**
- **How to set up VPN Client?**
- **How to use ZeroTier?**

More

- Security Settings
- Remote Control
- Network Diagnostics
- Backup and Restore
- Firmware Update
- Timing Reboot

Some common functions are listed for you. If you want to know more functions, click on **the feature guide**. More functions are waiting for you to explore.

2.3.5 WL-WN583AX3-A

The Device upgrades your network to the next generation of Wi-Fi. With combined wireless speeds of up to 2.4GHz 574Mbps and 5GHz 2402Mbps, the device provides excellent speeds and superior omnidirectional wireless range.

The AX3000 Wi-Fi 6 AP/Repeater built with the latest generation Wi-Fi 6 technology provides greater capacity to handle more devices on your network.

SPECIFICATION	
Ports	1 x10/100/1000Mbps WAN\LAN PORT
Button	1 x Power On/Off, 1 x smart night light , 1 x Pair Button&wps,1 x Reset
LED	2 x LAN, 1 x Status,1 x smart night light
Flash	128MB
SDRAM	2Gb
Standard	IEEE 802.11b/g/n/a/ac/ax
Speed	802.11ax: 5GHz 2401Mbps and 2.4GHz 574Mbps Compatible with 802.11a/b/g/n/ac Wi-Fi standards
Antennas	4x5dBi Omni Directional Antennas
Power Supply	DC5V 2.5A
Operating Temperature	0ºC~40ºC
Storage Temperature	-10~70℃
Unit Dimensions	159mm x 73.6mm x 43mm (L x W x H)

It is important to remind you that the adapter type in each - product package depends on your shipping country/region. The package contains the following contents:

- 1 x WiFi AP/Repeater
- 1 x RJ-45 Networking Cable
- 1 x Quick Installation

First Time Setup

All wavlink devices have a convenient and identical setup process.

For details **click here for the first setup.**

Network

Network Settings You can select **different modes**. You can select different modes according to your requirements.

• Mode Selection

• WAN

• LAN

• Static IP

Wireless

The wireless management function helps users optimize and manage wireless networks and improve the performance and stability of wireless networks by providing functions such as **channel selection** and **dual-band integration**.

Click here to learn more about the wireless configuration.

Mesh Settings

Mesh is a network topology that creates a wireless network with wider coverage by connecting multiple routers together.mesh can provide **greater coverage**, improve **network performance**, achieve **seamless roaming** and enhance **network stability**, bringing users a better network experience.

• **How to establish a mesh network?**

• **How to view the network topology diagram?**

More

• Security Settings

• Remote Control

• Network Diagnostics

• Backup and Restore

• Firmware Update

• Timing Reboot

Some common functions are listed for you. If you want to know more functions, click on **the feature guide**. More functions are waiting for you to explore.

2.3.6 WL-WN573HP3-A

The AX3000 HighPower Wi-Fi AP/Repeater is mainly used for providing free Wi-Fi service in big area such as factory, community, street or etc. The AP/Repeater can take an existing 2.4GHz or 5GHz wireless signal, repeat and extend it to a longer range where it is too far away for the router or access point to reach.

The AP/Repeater simultaneously supports 2.4G and 5G wireless network connection, and it can supports 2.4G and 5G transmission speeds of up to 3000Mbps.Built-in directional antenna provides better wireless performance, transmission rate, stability technology, using its channel selection function to automatically avoid channel conflicts.

SPECIFICATION	
Ports	1 x 10/100/1000Mbps WAN PORT (POE)
Button	1xReset&Pair
LED	1XSYS
Flash	128MB
SDRAM	256MB
Standard	IEEE 802.11b/g/n/a/ac/ax
Speed	802.11ax: 5GHz 2401Mbps and 2.4GHz 574Mbps
Antennas	11dBi Built-in directional antenna
Operating Temperature	-20~50℃
Storage Temperature	-30~70℃

It is important to remind you that the adapter type in each - product package depends on your shipping country/region. The package contains the following contents:

• 1 x Wi-Fi AP/Repeater

• 1 x Main body holder

• 4 x Cable ties

• 1 x Wrench

• 1 x Quick Installation

• 2 x Silicone Pads

• 1 x 54V Power Adapter

• 1 x PoE Converter

• 1 x Ethernet Cable

• Several Screws

First Time Setup

All wavlink devices have a convenient and identical setup process.

For details **click here for the first setup.**

Network

Network Settings You can select **different modes**. You can select different modes according to your requirements.

- Mode Selection
- WAN
- LAN
- Static IP

Wireless

The wireless management function helps users optimize and manage wireless networks and improve the performance and stability of wireless networks by providing functions such as **channel selection**, **guest WiFi**, **dual-band integration**, and **Wi-Fi security** settings.

Click here to learn more about the wireless configuration.

Mesh Settings

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- **How to establish a mesh network?**
- **How to view the network topology diagram?**

Signal Adjustment

- **Learn about signal adjustment**

More

- Security Settings
- Remote Control
- Network Diagnostics
- Backup and Restore
- Firmware Update

• Timing Reboot

Some common functions are listed for you. If you want to know more functions, click on **the feature guide**. More functions are waiting for you to explore.

• Timing Reboot

2.3.7 WL-WN573HX3-A

The AX3000 HighPower Wi-Fi AP/Repeater is mainly used for providing free Wi-Fi service in big area such as factory, community, street or etc. The AP/Repeater can take an existing 2.4GHz or 5GHz wireless signal, repeat and extend it to a longer range where it is too far away for the router or access point to reach.

The AP/Repeater simultaneously supports 2.4G and 5G wireless network connection, and it can supports 2.4G and 5G transmission speeds of up to 3000Mbps. It has 4x External Antennas providing even better wireless performance, transmission rates, stability technology automatically avoids channel conflicts using its channel selection feature.

SPECIFICATION	
Ports	1 x 10/100/1000Mbps WAN PORT (POE)
Button	1xReset
LED	1XSYS
Flash	16MB
SDRAM	256MB
Standard	IEEE 802.11b/g/n/a/ac/ax
Speed	802.11ax: 5GHz 2401Mbps and 2.4GHz 574Mbps
Antennas	4x8dBi Omni Directional Antennas
Operating Temperature	-20~50℃
Storage Temperature	-30~70℃

It is important to remind you that the adapter type in each - product package depends on your shipping country/region. The package contains the following contents:

• 4 x Omni antennas

• 1 x Wi-Fi6 Outdoor Mesh Router/extender/AP/Repeater

• 1 x 54V Power Adapter

• 1 x Main body holder

• 1 x Poe Converter

• 4 x Cable ties

• 1 x Ethernet Cable

• 1 x Quick Installation

• Several screws

First Time Setup

All wavlink devices have a convenient and identical setup process.

> For details **click here for the first setup.**

Network

Network Settings You can select **different modes**. You can select different modes according to your requirements.

- Mode Selection
- WAN
- LAN
- Static IP

Wireless

The wireless management function helps users optimize and manage wireless networks and improve the performance and stability of wireless networks by providing functions such as **channel selection**, **guest WiFi**, **dual-band integration**, and **Wi-Fi security** settings.

> **Click here to learn more about the wireless configuration.**

Signal Adjustment

- **Learn about signal adjustment**

More

- Security Settings
- Remote Control
- Network Diagnostics
- Backup and Restore
- Firmware Update
- Timing Reboot

> Some common functions are listed for you. If you want to know more functions, click on **the feature guide**. More functions are waiting for you to explore.

2.3.8 WL-WN531AX3-A

The Device upgrades your network to the next generation of Wi-Fi. With combined wireless speeds of up to 2.4GHz 574Mbps and 5GHz 2402Mbps, the device provides excellent speeds and superior omnidirectional wireless range.

The AX3000 Wi-Fi 6 router built with the latest generation Wi-Fi 6 technology provides greater capacity to handle more devices on your network.

SPECIFICATION	
Ports	1 x1000M WAN, 4 x 1000M LAN, 1 x USB3.0
Button	1xPower On/Off, 1xReset, 1xPair, 1xTurbo, 1xTouchLink
LED	4 xLAN, 1xWAN, 1xWiFi, 1xPower, 1x logo
Flash	128MB
DDR3 RAM	256MB
Standard	IEEE 802.11b/g/n/a/ac/ax
Speed	802.11ax: 5GHz 2401Mbps and 2.4GHz 574Mbps Compatible with 802.11a/b/g/n/ac Wi-Fi standards
Antennas	4x5dBi Omni Directional Antennas
Power Supply	DC 12V/1.5A
Operating Temperature	0ºC~40ºC
Storage Temperature	-10~70ºC
Unit Dimensions	200mm x 200mm x 30mm (L x W x H)

It is important to remind you that the adapter type in each - product package depends on your shipping country/region. The package contains the following contents:

• 1 x Wireless Router
• 1 x RJ-45 Networking Cable
• 1 x DC 12V/1.5A Power Adapter
• 1 x Quick Installation

First Time Setup

All wavlink devices have a convenient and identical setup process.

For details **click here for the first setup.**

Network

Network Settings You can select **different Internet access modes**. You can select different Internet access modes according to your requirements.

• Mode Selection

• WAN

• LAN

• IPv6

• Static IP Binding

> **Click here to learn more about the network configuration.**

Wireless

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• **How to view the network topology diagram?**

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> Click here to learn **how to manage terminal devices**.

Parental control

The parental control feature can help parents establish a reasonable **home network management mechanism**, protect their children's safety on the Internet, cultivate **healthy Internet habits**, and promote their healthy growth.

• Wi-Fi Scheduling

• Web Block

Click to learn **how to better use parental control**.

VPN

VPN can enhance the security and privacy of home or business networks, providing **remote access**, **data encryption**, **Wi-Fi security** and other functions, allowing users to use the Internet more freely and safely.

• **How to use OpenVPN Client?**

• **How to use OpenVPN Server?**

• **How to use WireGuard Client?**

• **How to use WireGuard Server?**

• **How to set up VPN Client?**

• **How to use ZeroTier?**

USB Management

• **USB DLNA**

• **USB Print**

Adnvanced

• **AD Guard**

• **Port Forwarding**

• **Remote Wakeup**

• **SQM QoS**

• **DMZ Management**

More

• Security Settings

• Remote Control

• Network Diagnostics

• Backup and Restore

• Firmware Update

• Timing Reboot

Some common functions are listed for you. If you want to know more functions, click on **the feature guide**. More functions are waiting for you to explore.

2.3.9 WNT100X3-A

The Travel Router WNT100X3 is a compact and versatile networking solution designed specifically for travelers, providing seamless connectivity on the go. This portable device allows users to create a secure and reliable Wi-Fi network, ensuring a hassle-free internet experience during their journeys.

It utilizes the latest Wi-Fi 6 technology to deliver speeds of up to 3 Gbps, making it ideal for streaming, gaming, and other data-intensive tasks. It offers a variety of connectivity options, including Wi-Fi, Ethernet, and cellular data(USB tethering), so users can stay connected to the internet no matter where they are. The router also features robust security measures to protect users' data and privacy.

SPECIFICATION	
Ports	1 x1000Mbps WAN PORT ; 1 x1000Mbps LAN PORT ; 1 x USB 3.0
Button	1 x Reset, 1 x Custom function switches
LED	1 x SYS
Flash	128MB
DDR3 RAM	512MB
Standard	IEEE 802.11ax/ac/n/a 5 GHz IEEE 802.11ax/n/b/g 2.4 GHz
Speed	5 GHz: 1201 Mbps (802.11ax) 2.4 GHz: 574 Mbps (802.11ax)
Power	1 x type-c power port 5V/3A
Operating Temperature	0ºC~40ºC (32°F ~104°F)
Storage Temperature	-40~70℃ (-40°F ~158°F)

It is important to remind you that the adapter type in each - product package depends on your shipping country/region. The package contains the following contents:

• 1 x Wi-Fi Router

• 1 x Power Adapter

• 1 x RJ45 Ethernet Cable

• 1 x Quick Installation Guide

First Time Setup

All wavlink devices have a convenient and identical setup process.

For details **click here for the first setup.**

Multi-WAN

Multiple WAN interfaces access the Internet at the same time to achieve load balancing, failover, and traffic management functions. To improve overall network speed and reliability.

• Multi-WAN Network Optimization

Developer options

Under the Developer mode page, users can configure many professional-grade features themselves.

• How to Use SSH to Log In?
• How to install plugins in luci?
• UBOOT Upgrade the firmware

Network

Network Settings You can select **different Internet access modes**. You can select different Internet access modes according to your requirements.

• Mode Selection
• WAN
• LAN
• IPv6
• Static IP Binding
• Repeater mode

Wireless

The wireless management function helps users optimize and manage wireless networks and improve the performance and stability of wireless networks by providing functions such as **channel selection**, **guest WiFi**, **dual-band integration**, and **Wi-Fi security** settings.

Click here to learn more about the wireless configuration.

NET Guardian

AD blocking, privacy protection, browsing security, home protection and more.

• AdGuard Home
• URL Filter

USB

The parental control feature can help parents establish a reasonable **home network management mechanism**, protect their children's safety on the Internet, cultivate **healthy Internet habits**, and promote their healthy growth.

- Storage Server
- USB Tethering

VPN

VPN can enhance the security and privacy of home or business networks, providing **remote access**, **data encryption**, **Wi-Fi security** and other functions, allowing users to use the Internet more freely and safely.

- How to use OpenVPN Client?
- How to use OpenVPN Server?
- How to use WireGuard Client?
- How to use WireGuard Server?
- How to set up VPN Client?
- How to use ZeroTier?

More

- Security Settings
- Remote Control
- Network Diagnostics
- Backup and Restore
- Firmware Update
- Timing Reboot

Some common functions are listed for you. If you want to know more functions, click on **the feature guide**. More functions are waiting for you to explore.

2.4 AC1200

2.4.1 AC1200

2.4.2 WL-WN572HE4-A

The AC1200 / 4G LTE HighPoweer Wi-Fi Router with LTE Category 4 technology.Internet access to internet via HSPA/LTE Data nano sim Card or Internet access/PPPoE work mode , if you don have 4G nano sim card , you can use connect to modem work as Gateway mode.

The 4G Connection of Speed up to Download 150Mbps / Upload 50Mbps,Complies with IEEE 802.11a/ac/b/g/h standards. With combined wireless speeds of up to 2.4GHz 300Mbps and 5GHz 867Mbps. You can run multiple applications in a large home or office.

HighPower Wi-Fi is mainly used for providing free Wi-Fi service in big area such as factory, community, street or etc.

SPECIFICATION	
Ports	1 x WAN (Passive PoE) 1000Mbps, 1 x 4G nano sim Card Slot, 1 x LAN 1000Mbps
Button	1 x Reset
LED	1 x Power, 1xWAN, 1xLAN, 1 x WiFI , 3 x Signal, 1x4G Status
Flash	16MB
DDR3 RAM	128MB
Standard	IEEE 802.11b/g/n/a/ac TDD/FDD-LTE/TD-SCDMA/HSUPA/HSDPA/UMTS/DC-HSPA+
Speed	802.11ac: up to 867Mbps(Wave2) 802.11n: up to 300Mbps 802.11a: up to 54Mbps, 802.11g: 54Mbps 802.11b: 11Mbps
Antennas	2 x 2.4G Omni Directional Antennas 2 x5G Omni Directional Antennas 2 x 4G LTE Omni Directional Antennas
Power Supply	DC24V / 1A Power over Ethernet (Passive PoE)
Operating Temperature	-20ºC~50ºC
Storage Temperature	-30~70℃

It is important to remind you that the adapter type in each - product package depends on your shipping country/region. The package contains the following contents:

- 4x Omni antenna
- 1 x Wi-Fi AP/Router
- 1 x RJ-45 Networking Cable
- 1 x Power Adapter
- 1 x POE Converter
- 1 x Main body holder
- 2 x Cable ties
- 1 x Screw fittings
- 1 x Quick Installation

First Time Setup

All wavlink devices have a convenient and identical setup process.

For details **click here for the first setup.**

Network

Network Settings You can select **different modes**. You can select different modes according to your requirements.

- Mode Selection
- LAN
- Static IP

Wireless

The wireless management function helps users optimize and manage wireless networks and improve the performance and stability of wireless networks by providing functions such as **channel selection**, **guest WiFi**, **dual-band integration**, and **Wi-Fi security** settings.

Click here to learn more about the wireless configuration.

More

- Security Settings
- Remote Control
- Network Diagnostics
- Backup and Restore

- Firmware Update

- Timing Reboot

Some common functions are listed for you. If you want to know more functions, click on **the feature guide**. More functions are waiting for you to explore.

2.5 N3000

2.5.1 N3000

3. Firmware Center

Download firmware for your WAVLINK devices.Search in the upper right corner or swipe down to find by type and model.

Where do I find the product model of WAVLINK?Click here to view.

3.0.1

Router

WiFi6

LUX DX4/WL-WN531AX2

MIGHTY EX1/WL-WN586X3-A

WL-WN586X3-B

MIGHTY EX2/WL-WN587X3

QUANTUM D4X/WL-WN531MX3

WL-WN531AX3-A

WL-WN536AX6-A

WL-WN551X3

WiFi5

QUANTUM D3G/WL-WN530HG3

QUANTUM D6/WL-WN531A6-A

WL-WN530G3A

WL-WN531P3

WL-WN532A3

WL-WN535M1

WiFi4

WL-WN529E4D

3.0.2

Indoor Repeater

WiFi6

WL-WN557X3-A

AERIAL D4X/WL-WN583AX1

AERIAL D6X/WL-WN583AX3-A

WiFi5

AERIAL K/WL-WN579A3

WL-WN579X3-C

WiFi4

WL-WN578W2

3.0.3

Outdoor AP

WiFi6

AERIAL HD6/WL-WN573HX1-A

WL-WN573HP3T

WL-WN573HX3-A

WiFi5

AERIAL HD4/WL-WN572HP3-A

WL-WN570HA2

WL-WN570HN2B

3.0.4
AC Controller

WL-WN701AE

3.0.5
USB Printer Server

WL-NU516U1-A

4. FAQ

4.1 FAQ

Learn how to use wavlink's devices and how to solve some common problems.

4.1.1 Getting Started Guide

- **Router - First Time Setup**
- **Indoor Repeater - First Time Setup**
- **Outdoor AP - First Time Setup**
- **4G/LTE - First Time Setup**
- **Travel Router - First Time Setup**

4.1.2 4G LTE

- **How to solve the problem that the device cannot access the Internet?**
- **What is APN?**
- **How to unlock SIM card?**
- **Instructions on WAN Mode Selection of 4G LTE**
- **4G status page introduction**

4.1.3 About Function Usage

- **How to upgrade router firmware?**
- **How to setup OpenVPN Server?**
- **How to setup OpenVPN Client?**
- **How to configure WireGuard Server?**
- **How to configure WireGuard Client?**
- **How to check whether the computer supports remote wake-up?**
- **What is the use of offline terminal management?**

4.2 Getting Started Guide

4.2.1 Router - First Time Setup

The first setup of most wavlink routers is very similar. We provide you with tutorials for different systems. You can choose the method that suits you according to the different devices.

WavRouter APP   Windows   MacOS   Android   iOS

New devices or reset devices need to log in to the administrator interface for initialization settings.

Tools required : **wavlink router**,**phone**,**WavRouter APP**(Scan the QR code on the **user manual** to download.)

1 . Scan the QR code on the user manual and **download the WavRouter APP**.

2 . After the download is completed, click to **open the WavRouter APP**.

3 . Click this icon in the upper left corner to open the extension bar, and click **"Login/Registration"** to enter the login interface.

4 . Click "**Register**" to register a user. There are two ways to register a user. You can choose one of the following to register.

Mobile   E-mail

Tips : If you have an account, you can click to log in directly.

1 . Fill in **your mobile phone number**, click **Get Verification Code**.

2 . Fill in the **verification code** received on your mobile phone in the Verification Code line and **set a login password.** (it is recommended to use a password with **numbers, uppercase and lowercase letters, and special characters**).

Tips : If you have an account, you can click to log in directly.

1 . Fill in **your email**, click **Get Verification Code**,

2 . Fill in the **verification code** received in your email in the Verification Code line and **set a login password** (it is recommended to use a password with **numbers, uppercase and lowercase letters, and special characters**).

5 . After the registration is completed, **log in as the user you just registered** and click this icon to **return to the main interface** (as shown below).

6 . Click "**Connect**" and it will automatically jump to the WiFi connection interface. You only need to **correctly select your device WiFi** and **connect**. Like the example below.**(The WiFi name can be found in the user manual.)**

7 . After the connection is successful,click the return button on your phone to **return to the main page**, and **Click "Local Connected" to enter the initial configuration.**.(Like the example below.)

8 . Enter the default password admin and click "**Login Now** " to enter the first-time setup page.