



### Wi-Fi 5 Mesh Router – Twibi Fast

- » **Mesh Network:** Wi-Fi in every room of the house, modular system.
- » **Fast Ports:** ideal for internet plans of up to 100 mega
- » **WiFi 5 Technology** with up to 867Mbps at 5 GHz (802.11ac) and 300Mbps at 2.4 GHz (802.11n)
- » **Wi-Fi Control Home application:** installation and management by application available for iOS and Android
- » **Beamforming and MU-MIMO support:** increased performance and stability even with more devices connected to the Wi-Fi network



INTERNET  
PLAN OF UP TO  
100 Mbps

UP TO  
**100m²**

COVERAGE AREA

UP TO **40**

USERS  
CONNECTED  
SIMULTANEOUSLY



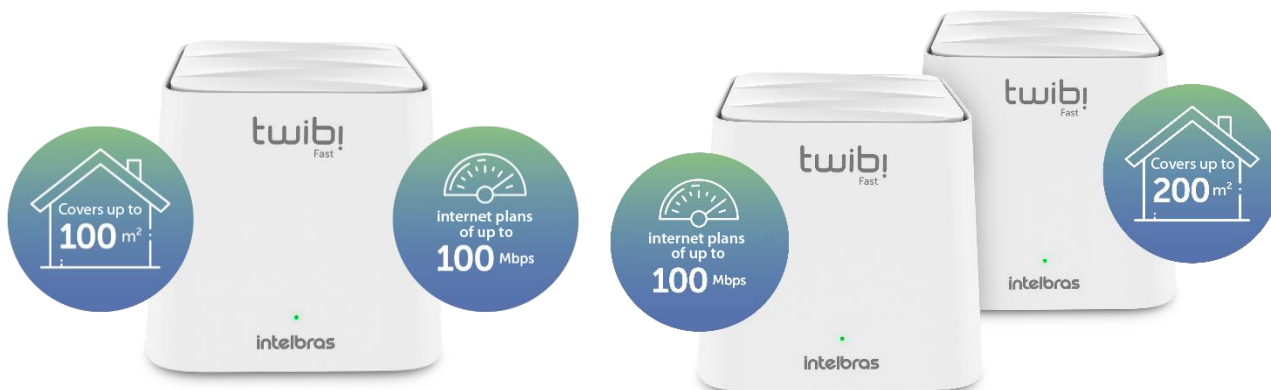
**2,4 and 5 GHz**  
DUAL BAND

**5**  
years

WARRANTY

Ideal for watching movies and series, sharing content on social networks, playing online games, working at home office, and much more. It is the perfect solution for those who have an internet plan of up to 100 mega and need Wi-Fi throughout the house. Through the Mesh network technology, Twibi Fast distributes the Wi-Fi signal in all rooms in a stable and constant way.

Installation and management can be done via the Wi-Fi Control Home application or the web interface in a simple and convenient way.



Twibi Fast Module

Twibi Fast Kit

## Wi-Fi Mesh System

Unlike a regular Wi-Fi network, a Mesh network communicates through modules that distribute the Wi-Fi signal throughout the house.

## Modular System

Twibi Fast provides a Wi-Fi signal coverage area of up to 100m<sup>2</sup>\* per unit. A great advantage is that you can add more modules to the network, increasing the coverage area as needed. So, with a kit of two units, for example, we have a coverage area of up to 200m<sup>2</sup>\*. If you need to cover an even larger area, just add more Twibis to your network. We recommend using a maximum of 6 Twibis for good performance.

## Fast Ports

The Twibis have 2 Fast Ethernet ports, ideal for those who subscribe to internet plans of up to 100 mega.

## Wi-Fi 5 with dual band (5 GHz and 2.4 GHz) in a transparent way

The system uses the same Wi-Fi network name (SSID) for both frequencies, so devices can always connect on the best available signal.

## Install and manage easily from the application

Convenience at your fingertips: besides allowing simple and practical installation and configuration, through the *Wi-Fi Control Home* application it is possible to manage the list of devices connected to the network, see how much of your internet speed is in use, use functions such as Parental Control, Bandwidth Control, Guest Networking, WPS among others.

## IoT Assistant

This function is available in the app and makes it easy to install smart home products. When enabled, it connects your smartphone to the 2.4 GHz frequency for 30 minutes so that you can install and configure products that only operate on this frequency.

## Everyone connected

The Twibi Fast Wi-Fi Mesh System supports up to 40\* devices connected simultaneously.

## Web Interface

Twibi Fast has a web interface through which you can perform network installation and configuration. For Internet service providers, it is also possible to enable remote management and the use of the TR-069 Protocol.

## Technical Specifications

|                             |                           |
|-----------------------------|---------------------------|
| Unit Module Coverage        | Up to 100m <sup>2</sup> * |
| 2 units kit Coverage        | Up to 200m <sup>2</sup> * |
| Number of connected devices | Up to 40*                 |

## Hardware

|                                       |
|---------------------------------------|
| 2 internal 3dBi antennas              |
| 1 10/100 Mbps WAN/LAN port            |
| 1 10/100 Mbps LAN port                |
| Chipset Realtek® RTL8197FNT+RTL8812BR |
| 8 MB flash Memory                     |
| 128 MB RAM Memory                     |

## Wireless Parameters

|                                 |                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------|
| Standards                       | IEEE 802.11ac/a/n 5 GHz<br>IEEE 802.11b/g/n 2.4 GHz<br>IEEE 802.11v/r (roaming)         |
| Radio Mode                      | MU-MiMo<br>Beamforming                                                                  |
| Operating Frequency             | 2.4 GHz<br>5 GHz                                                                        |
| Bandwidth                       | 2.4 GHz: 20, 40 MHz<br>5 GHz: 40, 80 MHz                                                |
| Transmission Rate               | 2.4 GHz: up to 300 Mbps<br>5 GHz: up to 867 Mbps                                        |
| Operation Channels              | 2.4 GHz: 1-11 (Brasil)<br>5 GHz: 40                                                     |
| Maximum Power (E.I.R.P.)        | 2.4 GHz: 160 mW (22 dBm)<br>5 GHz: 160 mW (22 dBm)                                      |
| Receiver sensitivity at 2.4 GHz | 802.11b 1 Mbps: -98 dBm<br>802.11n 20 MHz MCS7: -74 dBm<br>802.11n 40 MHz MCS7: -72 dBm |
| Receiver sensitivity at 5 GHz   | 802.11a 6 Mbps: -95 dBm<br>802.11ac 80 MHz MCS9: -64 dBm                                |
| Security                        | WPA2-PSK                                                                                |

Power Supply

|                           |                       |
|---------------------------|-----------------------|
| Input                     | 100–240 V at 50/60 Hz |
| Output                    | 9 V/1 A               |
| Maximum power consumption | 9 W                   |

Product Weights and Measurements

|            |          |
|------------|----------|
| Height     | 93 mm    |
| Width      | 102 mm   |
| Depth      | 102 mm   |
| Net Weight | 0,171 kg |

Storage and Operation

|                       |                                  |
|-----------------------|----------------------------------|
| Operating Temperature | 0°                               |
| Operation Humidity    | 10% to 90%, without condensation |
| Storage Temperature   | -40° to 70°C                     |
| Storage Humidity      | ~5% to 95%, without condensation |

\*Recommended average values, depending on the usage profile and characteristics such as installation environment and nearby interference, may change upwards or downwards. For a better browsing experience, the connection at 5 GHZ frequency is 5 devices per network node, and the remaining devices will be connected at 2.4 GHZ frequency.

