

Wi-Fi Box W7+

Technical sheet



Salt.
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WiFi Box W7 is a Wi-Fi 7 tri band mesh extender designed to increase your home Wi-Fi experience by providing strong, reliable and fast Wi-Fi connections all over your place.

ULTRA FAST TRI-BAND WI-FI 7 SOLUTION

WiFi Box W7 antenna design allows for maximum coverage with a 2x2 antenna array on the 2.4GHz Wi-Fi band, 4x4 antenna array on the 5GHz Wi-Fi band and a 4x4 antenna array on the 6GHz Wi-Fi band. It benefits from the latest Wi-Fi technology enhancements offering the best Wi-Fi experience to the clients with : higher speeds, greater capacity to connect more devices simultaneously, airtime optimisation and low latency. WiFi Box W7 takes benefit on the 6GHz band greenfield to provide a steady and fast backhaul.

A NEW WI-FI EXPERIENCE

WiFi Box W7 integrates the latest mesh technology protocols and standards to provide an enhanced user experience by optimizing Wi-Fi configuration (channel, bandwidth, fastest path) to ensure a reliable Wi-Fi coverage across your home. In a mesh environment, WiFi Box W7 will efficiently and seamlessly steer clients from one access point to another without any service interruption for a seamless Wi-Fi experience.

QUICK AND EASY INSTALLATION

WiFi Box W7 is easily installed thanks to WPS technology, which allows to pair the Extender to a Gateway, to another extender or to pair to it Wi-Fi clients by just pressing the button simultaneously on the Extender and the other device. WiFi Box W7 will then auto configure its Wi-Fi configuration, using the same Wi-Fi information (SSID, password) as on the master of the network, and creating the most optimized mesh network to ensure the best Wi-Fi experience. WiFi Box W7 RGBW LED provides to the end user information about the mesh signal quality enabling the extender to be located for optimum in-home Wi-Fi coverage.

MESH WI-FI AGENT INTEGRATED

WiFi Box W7 embeds Wi-Fi EasyMesh R6 solution providing:

- Easy installation (WPS/Pairing button)
- Automatic Mesh configuration
- Smart topology (Star and daisy chain with Wi-Fi or Ethernet)
- Access point Steering
- 802.11k/v/r support
- Band steering 2.4GHz/5GHz/6GHz
- AP steering
- LED indicating the backhaul quality

ENVIRONMENT FRIENDLY PRODUCT

WiFi Box W7 design has been optimized to be one of the smallest extenders in its category. With the use of recycled plastic for the housing, a packaging made of FSC carton and a reduced usage of plastic for the pack content material allow to reduce its environmental footprint for a greener future.

Technical Features

WIRELESS

- Tri Band Wi-Fi 7 - 802.11be access point
- 2.4GHz: 2x2 up to 40MHz
- 5GHz: 4x4 up to 160MHz
- 6GHz: 4x4 up to 320MHz
- UL/DL OFDMA
- UL/DL MU-MIMO
- Multi Link Operation (MLO) supported on all bands
- EasyMesh R6 Compliant
- WPA/WPA2/WPA3
- WPA3 Transition Mode
- WPA3 Compatibility mode

ETHERNET

- 1 x 2.5Gb + 1 x 1Gb Ethernet ports to plug wired clients and create ethernet backhaul

LED

- 1 dimmable RGBW LED to reflect the status of Power, Backhaul quality, Wi-Fi (Fronthaul, WPS)

BUTTONS

- Power On/Off
- WPS Pairing for easy setup
- Reset pinhole button

MEMORY

- 512 MB RAM DDR4
- 512 MB Flash NAND

PHYSICAL FEATURES

- Size (LxDxH in mm): 145 x 154 x 55