

PRODUCT BRIEF

Wi-Fi HaLow USB Network Adapter

Compatible with Microsoft Windows

Long Range Sub-GHz Wi-Fi HaLow | IEEE 802.11ah



Overview

Introducing the Morse Micro Wi-Fi HaLow USB Network Adapter, the fastest way to bring Wi-Fi HaLow connectivity to your Windows-based computer or laptop. Available in USB-A and USB-C form factors, the network adapter pairs with any existing Wi-Fi HaLow access point, such as the HaLowLink 1 or HaLowLink 2, to extend long-range, low-power connectivity to devices that need it most.

With a simple downloadable Microsoft Windows driver, the network adapter gets customers connected in minutes. Whether working outdoors, by the pool, in a

shed, or from an outdoor office, users can rely on Wi-Fi HaLow's extended range and robust performance to stay connected well beyond the reach of traditional Wi-Fi.

Built around Morse Micro's proven USB 2.0 Network Adapter Reference Design (as featured in the MM8108-EKH19 evaluation kit), the network adapter delivers the same reliable, cost-effective path to Wi-Fi HaLow that has made Morse Micro the world's leading Wi-Fi HaLow solutions provider.

For more information about Wi-Fi HaLow, visit: www.morsemicro.com

Technical Specifications

Hardware features

- Based on MM8108-RD09 Reference Design
- Wi-Fi HaLow chipset: Morse Micro MM8108
- TX power: up to 26dBm
- Interface: USB 2.0
- Form factor: USB-A or USB-C
- Antenna: SMA connector with external Wi-Fi HaLow antenna

Software features

- Downloadable driver for Microsoft Windows
- Simple, guided installation
- Configurable as a Station (client), connecting to an existing Wi-Fi HaLow Access Point or Router

Supported regions

USA, Canada, Australia, UK, Europe, and Japan

Note: TX power is limited to 14dBm ERP in Europe (inc UK) and 16 dBm EIRP in Japan

What's in the box

- Wi-Fi HaLow Network Adapter
- Wi-Fi HaLow Antenna
- Information Card

Important note:

The Wi-Fi HaLow USB network adapter requires a Wi-Fi HaLow Access Point to connect to.

Applications

The Morse Micro Wi-Fi HaLow USB Network Adapter is the fastest way to bring Wi-Fi HaLow connectivity to your Windows-based computer or laptop opening up a range of opportunities for long range connectivity



Network extensions

Extending network access to outdoor living spaces: pools, decks, patios, and backyards



Rural and remote

Rural and acreage properties that need long-range connectivity to laptops and PCs



Secondary buildings

Remote work from outbuildings, workshops, garages, barns, and sheds



Ad-hoc connectivity

Temporary or portable connectivity for events and field work



Wi-Fi HaLow PC setups

Any Windows laptop or PC needing fast, driver-based access to an existing Wi-Fi HaLow network

Wi-Fi HaLow Coverage

Reaching up to 10X farther than all other Wi-Fi

1 Extending on-site connectivity

Connect Wi-Fi HaLow devices up to 10x farther than all other Wi-Fi

2 Secondary premise / buildings / campuses

Penetrate through more walls to connect secondary buildings or extend across campuses/complexes

3 Large site free-roaming connectivity

Events, field work, roaming across vast estates, Wi-Fi HaLow delivers free-roaming Wi-Fi connectivity at 100x the coverage



For more product information:
www.morsemicro.com/mm-u0

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