



# AirWire

U-AirWire

High-performance WiFi 7 client adapter with STR MLO, enabling simultaneous full-duplex links for ultra-low latency, extended range, and true multi-gigabit real-world speeds.

## Overview

**Dimensions** 117 x 117 x 42.5 mm (4.6 x 4.6 x 1.7")

**WiFi Standard** WiFi 7

**Spatial Streams** 4  
**Uplink WiFi Performance**

## MIMO

**6 GHz** 2 x 2 (DL/UL MU-MIMO)

**5 GHz** 2 x 2 (DL/UL MU-MIMO)

## Max. Data Rate

**6 GHz** 5.8 Gbps (BW320)

**5 GHz** 4.3 Gbps (BW240)

## Antenna Gain

**6 GHz** 11 dBi

**5 GHz** 11 dBi

## Max. TX Power

**6 GHz** 20 dBm

**5 GHz** 25 dBm

## Supported Data Rates

**802.11be (WiFi 7)** 7.3 Mbps to 5.8 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/320)

**802.11ax (WiFi 6)** 7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)

**802.11ac (WiFi 5)** 6.5 Mbps to 1.7Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)

**802.11n** 6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)

## Features

**Wireless Meshing** ✓

**Real-Time Spectral Analysis** ✓

## Hardware

**Max. Power Consumption** 18W

**Power Supply** USB PD 5/9/12V, 15W (Standard mode) USB PD 5/9/12V, 20W (Enhanced mode)

**Networking Interface** (1) 5 GbE port (USB3.2 Gen2)

**Weight** 544 g (1.2 lb)

**Management** USB-C

**Enclosure Material** Polycarbonate

**Display** 0.96" status display

**Channel Bandwidth** HT 20/40, VHT 20/40/80/160, HE 20/40/80/160, EHT 20/40/80/160/240/320 (MHz)

**NDAA Compliant** ✓

**Certifications** CE, FCC, IC

**Ambient Operating Temperature** -10 to 40° C (14 to 104° F)

**Ambient Operating Humidity** 5 to 95% noncondensing

## Software

**Application Requirements** UniFi Network Version 10.2 and later

