amped|wireless

HIGH POWER WI-FI ADAPTER FOR WINDOWS® 8

TAN1

The Amped Wireless High Power Wi-Fi Adapter provides your Windows 8 tablet, Ultrabook or laptop with up to 3 times more Wi-Fi range. The TAN1 is a high performance, versatile Wi-Fi adapter that enables your Windows 8 device to connect to Wi-Fi networks from greater distances while relaxing in your backyard, traveling through an airport or working at a coffee shop. Enjoy faster downloading, web browsing and buffer-free media streaming throughout your entire home or office with the High Power Wi-Fi Adapter. Standard Wi-Fi adapters do not use high gain antennas or amplifiers. In comparison, the TAN1 features two high gain antennas, two 600mW power amplifiers and wireless reception amplifiers for up to 12 times the power. Installation of the TAN1 is extremely easy. Simply fasten the Adapter onto your laptop or tablet screen using the included mounting clip (works with tablets with protective cases) and plug the USB cable into an available USB port. Windows will automatically configure the device and you're all set!
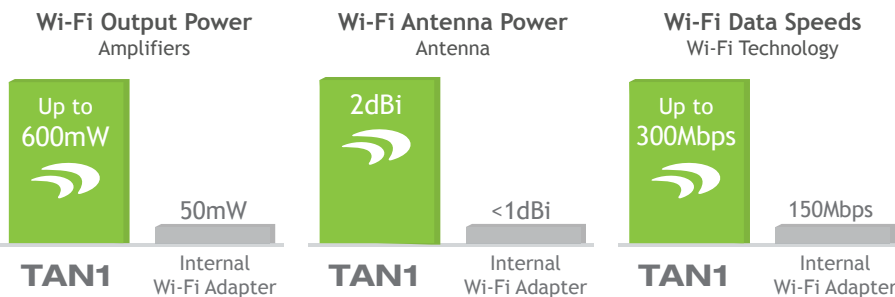
HOW IT WORKS

The High Power Wi-Fi Adapter for Windows 8 allows your tablet, Ultrabook or laptop connect to Wi-Fi networks from greater distances.

PERFORMANCE COMPARISON

Wi-Fi Output Power
Amplifiers

Up to 600mW — **TAN1**

50mW — Internal Wi-Fi Adapter

Wi-Fi Antenna Power
Antenna

2dBi — **TAN1**

<1dBi — Internal Wi-Fi Adapter

Wi-Fi Data Speeds
Wi-Fi Technology

Up to 300Mbps — **TAN1**

150Mbps — Internal Wi-Fi Adapter

mW = Milliwatt (Output Power Measurement)   dBi = Decibels (Antenna Gain Measurement)
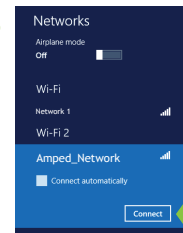
3X RANGE
WIRELESS COVERAGE

KEY FEATURES

- Boost the Wi-Fi range of your Windows® 8 tablet, Ultrabook or laptop by up to 3X
- High power amplifiers and high gain antennas provide maximum range
- Ultra Fast: 2.4GHz 300Mbps Wi-Fi speeds for transferring large files and HD media
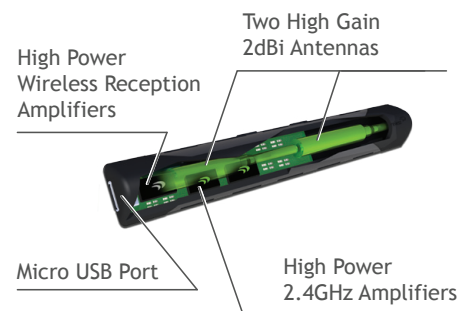- Small travel friendly size, fastens easily to your tablet, Ultrabook or laptop screen

PLUG-AND-PLAY SETUP: NO SOFTWARE REQUIRED

1. Mount the Adapter to your tablet or notebook

2. Plug in the Adapter to your tablet or notebook's USB port and Windows 8 will automatically configure it.

3. Scan for a wireless network and connect

Networks
Airplane mode
Off
Wi-Fi
Network 1
Wi-Fi 2
Amped_Network
☐ Connect automatically
Connect

AMPED TECHNOLOGY

High Power Amplifiers and Antennas boost wireless performance

High Power Wireless Reception Amplifiers

Two High Gain 2dBi Antennas

Micro USB Port

High Power 2.4GHz Amplifiers

PRODUCT FEATURE SET & PERFORMANCE COMPARISON

	Internal (Embedded) Wi-Fi Adapter	High Power Wi-Fi Adapter TAN1
SPEED PERFORMANCE		
150Mbps Wireless-N Speeds	●	
300Mbps Wireless-N Speeds		●
COVERAGE		
Limited Range	●	
Great / 3X Range		●
ANTENNAS		
Internal / No Gain	●	
High Gain		●
KEY FEATURES		
Plug and Play No Setup		●
Monitor Clip		●
Designed for Tablets & Notebooks		●

TECHNICAL SPECIFICATIONS:

Wireless Standard: 802.11b/g/n

Frequency Band: 2.4GHz

Security: WEP, WPA, WPA2

Data Rate: 2.4GHz: 300Mbps (Rx)

Wireless Sensitivity: -95dBm (Max)

Wireless Output Power: Up to 27dBm

Amplifiers: Low Noise Amplifiers
2.4GHz Amplifiers

Antenna: 2 x High Gain 2dBi Antennas

Ports: To Adapter: Mirco USB 2.0 Port
To PC: Standard USB 2.0 Connector

Interface: USB 2.0

SETUP REQUIREMENTS:

- Available Wireless 2.4GHz 802.11b/g/n Network
- Windows® 8 (32 or 64 bit) OS
  Not compatible with Windows® 8 RT, iOS (iPads®), or Android™ devices
- One available USB or Micro USB port

PRODUCT CONTENTS:

- 1 x High Power Wi-Fi Adapter for Windows® 8
- 1 x USB 2.0 Cable
- 1 x Setup Guide
- 1 x CD: User's Guide and Software
- 1 x Monitor Mounting Clip

USB CONNECTION

Connects to your tablet, Ultrabook or laptop using a standard (full size) USB connector.

Hi-Speed USB 2.0

MOUNTING CLIP

Mount on your screen for convenience and portability.

The included mounting clip fastens the Adapter securely to a tablet, Ultrabook or laptop monitor.

The clip can be adjusted to fasten tightly to tablets that have cases.

SIZE COMPARISON

Pen

TAN1

Width: 4.5 inches   Height: 0.4 inches   Depth: 0.6 inches

Specifications are subject to change without notice.

* Range specifications are based on performance test results. Actual performance may vary due to differences in operating environments, building materials and wireless obstructions. Performance may increase or decrease over the stated specification. Wireless coverage claims are used only as a reference and are not guaranteed as each wireless network is uniquely different.

PERFORMANCE COMPARISON

INTERNAL WI-FI ADAPTER   HIGH POWER WI-FI ADAPTER TAN1

VS

- No amplifier
- Internal antenna with no gain
- Poor Wi-Fi performance

GET UP TO 3X MORE RANGE!

Designed by Amped Wireless in the USA

Amped Wireless
13089 Peyton Dr. #C307
Chino Hills, CA 91709

www.ampedwireless.com
1(888) 573-8830