

RoVers Member Meeting

Thursday, December 5th, 2019



WiFi & Cellular Boosters & Extenders

Wifi Repeaters

- **1st Generation Devices**
- **Does NOT amplify signal strength**
- **May actually increase latency or network response time**

Wifi Extenders

- **Re-broadcasts existing signal**
- **May shift frequency to avoid competing traffic**

Wifi Signal Boosters

Wifi Boosters (Extender)

- **Weak Signal due to distance from source**
- **Signal impeded by walls, metal objects**
- **Speed may be slow due to errors**
 - **Streaming may suffer**

- **Relatively inexpensive**
 - **\$15 - \$150**



Wifi Signal Boosters

TP-Link RE450

- **AC1750 Device**
- **Fast, Reliable, Well-priced**
- **Best Extending Performance**
- **Signal Strength Indicator**
- **Easy Setup**
- **\$59 Walmart/Amazon**
- **3.9/5.0 Rating**



Best WiFi Boosters of 2019

TP-Link RE305

- **Best of inexpensive devices**
- **AC1200 Device**
- **Great Extending Performance**
- **Inexpensive**
- **Compact**
- **\$40 Walmart/Amazon**
- **3.5/5.0 Rating**



Best WiFi Boosters of 2019

Netgear EX6200

- **AC1200 Speeds**
 - **2.4 Ghz & 5 Ghz**
- **5 Gigabit Ethernet Ports**
- **Directional Antennas**
- **Setup more difficult**
- **\$75 Walmart/Amazon**
- **3.9/5.0 Rating**



Best WiFi Boosters of 2019

Linksys RE7000

- AC1700 Device
- Unobtrusive, Minimalist Design
- Setup more difficult
- \$70 Amazon/Best Buy
- 3.5/5.0 Rating



Best WiFi Boosters of 2019

Amped Wireless RE1750A

- **Desktop Booster**
 - Takes up more space
- **Customizable Features**
- **5 Gigabit Ethernet ports**
- **Simple setup with WPS**
- **\$55 Walmart/Amazon**
- **2.4/5.0 Rating**



Best WiFi Boosters of 2019

Recommendations

Product	Price	Tested Performance	Wireless Standard	Form Factor	Warranty
TP-Link RE305	\$40	4.9	AC1200	Wall Plug	2 Years
TP-Link RE450	\$59	5.0	AC1750	X	2 Years
Netgear RE6200	\$75	2.9	AC1200	Desktop	1 Year
Linksys RE7000	\$70	3.1	AC1900	X	1 Year
Amped RE1750A	\$55	2.6	AC1750	X	1 Year

Wifi Booster Summary

Cellular Boosters

Overview

- **Very Useful in Rural or areas with weak signals**
- **FCC limit to 50 DB Gain (or Less)**
 - **Sprint Bands 26/41 not legal to boost**
- **Single & Multi-user versions**
- **3 Components**
 - **External Antenna**
 - **Amplifier**
 - **Re-Transmit Antenna**
- **Expensive**
 - **\$300-\$500 Range**

Cell Phone Boosters

SureCall N-Range

- **Aerodynamic Antenna**
- **Thin Metal fits inside cellphone case**
- **Works with all carriers**
- **Most Affordable Choice**
- **For only a Single Device**
- **\$189**



Cell Phone Boosters

WeBoost Drive 4G-X OTR

- **Receives 6 Most Popular Cellphone Bands**
- **High Grade Antenna**
 - 3 Way Mount
- **Amps 32x**
- **Max Power Consumption of 12w**
- **\$500**
- **Verizon, AT&T, T-Mobile, Sprint**



Cell Phone Boosters

SureCall Fusion2 Go 3.0

- **Designed for Large Vehicles**
- **Easy to Read Indicator Lights**
- **Automatic Gain Adjustment**
- **Covers 3G & 4G**
- **\$355**
- **Multiple Devices**



Cell Phone Boosters

SmoothTalker X6 Pro

- Highest Signal Amplification
- Rugged Housing
- Extra-long Whip Antenna
- Excellent for Remote Areas
- Easy Setup
- \$500



Cell Phone Boosters

WeBoost Drive Reach

- **30 db Amplification**
- **Multiple Users**
- **Works with All Providers**
- **Tool Free Installation**
- **\$500**
- **Verizon, AT&T, T-Mobile, Sprint**



Cell Phone Boosters

Recommendations

Product	Price	# Users	Amp	Comments
WeBoost Drive Reach	\$500	Multi	V High	All Carriers
SmoothTalker X6 Pro	\$500	Multi	V High	Easy Install
SureCall Fusion2Go 3.0	\$355	Multi	Good	Auto Gain
WeBoost Drive 4G-X OTR	\$500	Multi	Good	32x Amp
SureCall N-Range	\$190	Single	Good	Affordable

Cell Booster Summary

Q & A



Any Questions?