



2.4GHz WiFi Signal Amplifier Repeater



OVERVIEW

The Wifi booster newly designed by ATNJ is applied to mobile network and / or wireless network. Bidirectional signal amplification is enabled, in contrastly, traditional analog boosters can have the transmission power go into over-saturation or reduction as input signal fluctuates, negatively impacting signal quality and network performance. It is designed with N-male type connector, so that any 5.8GHz antenna could be used for ATNJ Wifi booster. Its small footprint and low-profile design make it an ideal solution to be used in vehicles or in any other application constrained by space.

The ATNJ's 2.4GHz WiFi booster efficiently increases signal reach of any antenna by up to 200%-400%.

FEATURES

- 2.4GHz, Max. 2000mW output power;
- Aluminum-alloy case by CNC, anti-interference;
- Small size, Safe & Power saving;
- Full kit, easy to install;
- For house, office, UAV, IP cameras, RC equipment

WHERE TO USE

- Routers
- Access points
- IP cameras
- Video senders
- Profesional photo cameras
- Profesional video cameras
- R/C helicopters, planes and cars

APPLICATION SCENE

How It Works



Technical Specification

SPECIFICATIONS	PARAMETERS
Booster Model	ATNJ24Gi2000P
Operating range	2400~2500MHz
Channel width	20Mhz&40Mhz
Supported standards	IEEE 802.11a/n
Operation mode	Bi-directional, half-duplex, time division duplex
Connector type	To radio N female (hole inside)
To antenna	N female (pin inside)
Output power	2000mW (33dBm)
Input power	0 ~ 20dBm
Transmit gain	15 – 18dB
Receiver gain	11 – 14dB
Noise figure	≤3.5dB typical
Frequency response	±1dB over operating range
Operating temperature	-20°C to +70°C
Operating humidity	Up to 75% relative humidity
Material	Cast aluminum
LED light	Power status LED and activity status LED
Booster weight	110g
Booster size	8.4 x 5.4 x 2cm