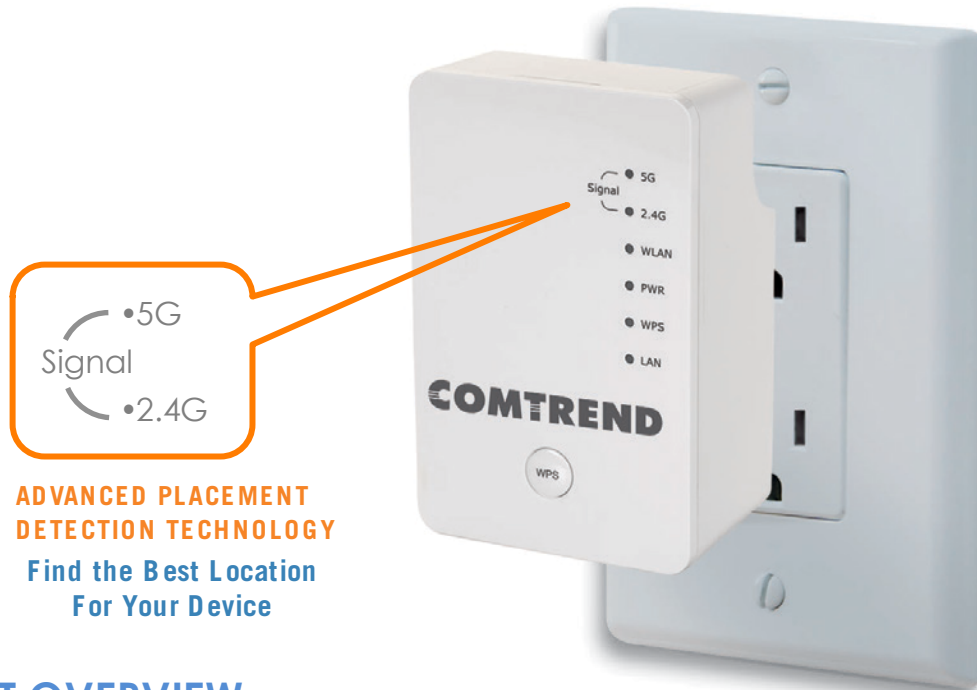


WAP-5920

COMTREND

AC
750

WIRELESS EXTENDER



**ADVANCED PLACEMENT
DETECTION TECHNOLOGY**

**Find the Best Location
For Your Device**

PRODUCT OVERVIEW

The Comtrend WAP-5920 AC750 Wireless Extender allows you to extend the coverage of your wireless network to remote locations while offering next generation 802.11ac—up to 3x faster than 802.11n technology. The AC750 Wireless Extender offers a marked increase in value with farther reach and improved performance. With devices such as mobile phones increasingly adopting 802.11ac, it is expected to completely replace 802.11n as the new industry standard. An 802.11ac wireless extender will become a must have for providing the fastest extended speeds to your devices.

KEY BENEFITS

Advanced Placement Detection Technology

You can find the best location for your extender.

Future Proof your Wireless Network

The dual band WAP-5920 is compatible with older 11a/b/g/n and supports your 2.4GHz and 5GHz clients (i.e. laptop, tablet).

Eliminate WiFi Dead Spots

Extend your wireless signal to difficult to reach areas.

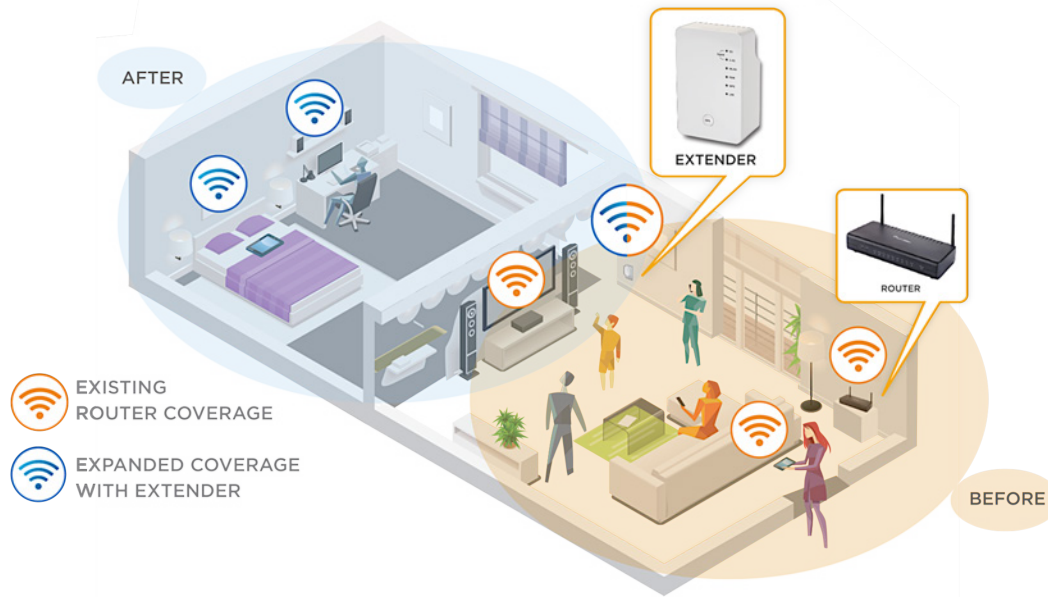
Maximize your Internet Experience with 11ac

Up to 3x faster than 11n technology.

DS_WAP-5920_v3

Comtrend | www.comtrend.com
14 Chrysler, Irvine CA 92618 | (877) 266-8736

WAP-5920



FEATURES

- AC750 WiFi (300Mbps + 433Mbps)
- Simultaneous dual band (IEEE802.11 b/g/n 2.4GHz & IEEE 802.1x wireless securities)
- Support 64/128-bit WEP, WPA, WPA2, and IEEE 802.1x wireless securities
- Support WiFi Protected Setup (WPS 2.0) hardware button
- Support Web-based configuration
- Support DHCP server to assign IP address automatically

SPECIFICATIONS

Main Chipset

Mediatek MT7620A + MT7610E

Flash + SDRAM:

8MB Flash + 64MB DDRAM II

Ethernet Port:

10/100M UTP Port x 1 (Auto MDI/MDI-X) for LAN

Frequency Band:

2.4000~2.4835GHz (Industrial Scientific Medical Band)

Data Rate:

11a: 6/9/12/24/36/48/54Mbps;

11b: 1/2/5.5/11Mbps; 11g: 6/9/12/24/36/48/54Mbps

11n (20MHz): MCS0-07, up to 144Mbps

11n (40MHz): MCS0-07, up to 300Mbps

11ac (80MHz): VHTMCS0-9, up to 433Mbps

Output Power:

2.4GHz: 11b(11M): 17±1.5 dBm, 11g(54M): 15±1.5 dBm

11n(20MHz, MCS7): 14±1.5 dBm,

11n(40MHz, MCS7): 14±1.5 dBm

5GHz: 11a(54M): 14±1.5 dBm, 11n(20MHz, MCS7): 13±1.5 dBm,

11n(40MHz, MCS7): 13±1.5 dBm

11ac(80MHz, VHTMCS9): 12±1.5 dBm

Certification:

FCC

Receive Sensitivity:

2.4GHz: 11b(11M): -86±2dBm, 11g(54M): -72±2dBm

11n(20MHz, MCS7): -71±2dBm,

11n(40MHz, MCS7): -69±2dBm

5GHz: 11a(54M): -75±2dBm, 11n(20MHz, MCS7):

-72±2dBm,

11n(40MHz, MCS7): -69±2dBm,

11ac(80MHz, VHTMCS9): -63±2dBm

Antenna:

Internal Antenna x 2 (2.4G x2 nT2R, 5G x1 1T1R)

Power Module:

5V, 1.2A Power Module Inside

Dimension:

3.5(H) x 2.25(W) x 1.5(D) inches

88.9(H) x 57.15(W) x 38.1(D) mm

Temperature:

Operating: 32~104°F (0~40°C)

Storage: -4~140°F (-20~60°C)

Humidity:

Operating: 10~90% (NonCondensing)

Storage: Max. 95% (NonCondensing)

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