

AC750 WIRELESS EXTENDER

COMTREND

WAP-5920



Extend the coverage of any wireless network.

The time to transition is now. The Comtrend WAP-5920 AC750 Wireless Extender offers 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

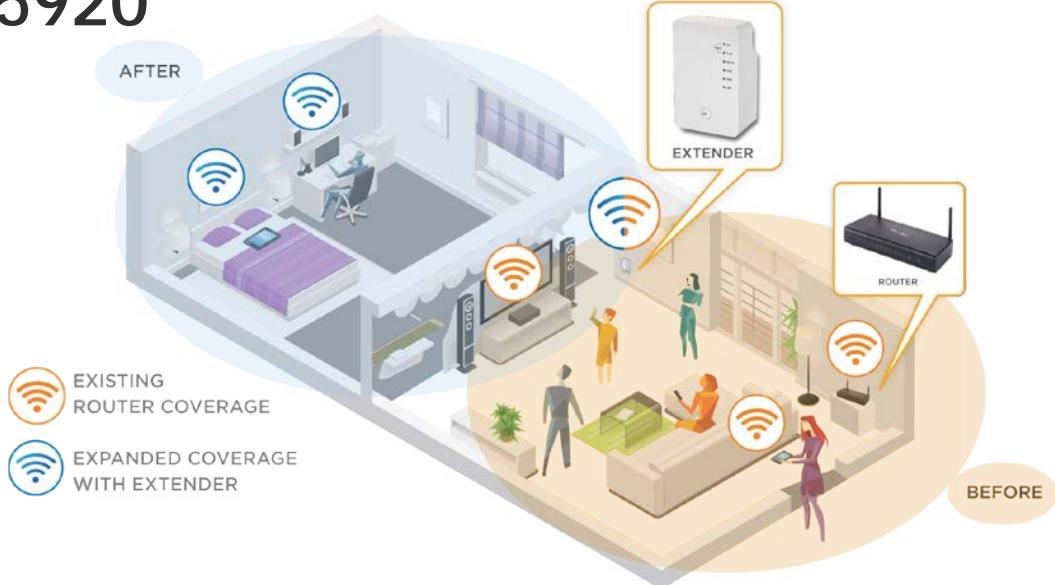
Advanced Placement Detection Technology
Helps you can find the best location for your extender.

Future Proof your Wireless Network
11ac is backward compatible with older 11a/b/g/n and supports your 2.4GHz and 5GHz clients (i.e. laptop, tablet, smartphone).

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.

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FEATURES

- AC750 WiFi (300Mbps + 433Mbps)
- Simultaneous dual band (IEEE 802.11b/g/n 2.4GHz & IEEE 802.11a/n/ac 5GHz)
- Supports Web-based configuration
- Supports WiFi Protected Setup (WPS 2.0) hardware button
- Supports 64/128-bit WEP, WPA, WPA2, and IEEE 802.1x wireless securities

SPECIFICATIONS

Flash + SDRAM:

8MB Flash + 64MB DDRAM II

Ethernet Port:

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

Frequency Band:

802.11b/g/n 2.4GHz

802.11a/n/ac 5GHz

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)

Input

AC 100-240V, 50-60Hz

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)

Wireless Security:

64/128 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK