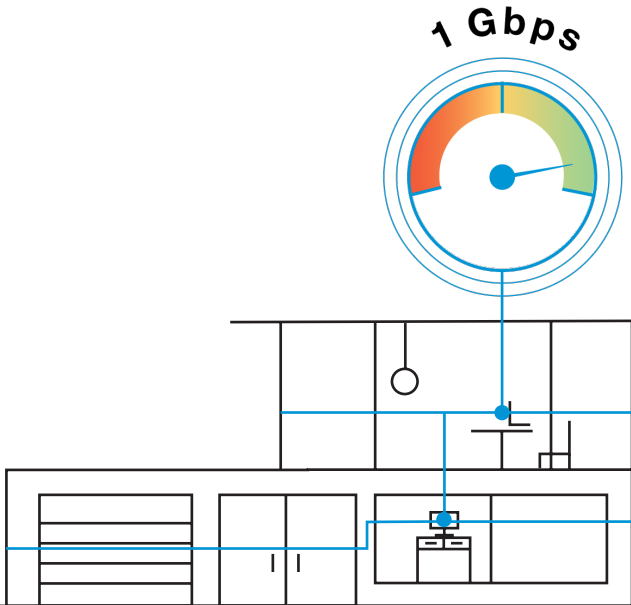# Your Answer to Better Wi-Fi

ECB6200

1 Gbps

Product Messaging

There's an easy and affordable way to enhance your home's Wi-Fi, and bring always-reliable Gigabit speeds to your HDTV or gaming console. Just plug the Bonded MoCA 2.0 Network Adapter into a coaxial port. You'll instantly get pristine 4K and HD streaming, faster surfing speeds, and lag-free gaming.

Key Selling Points

✔ Enhances the home's WiFi network with wired speeds and reliability

✔ Speeds up to 1 Gbps

✔ Perfect for pristine OTT video and online gaming

✔ Works over home's existing coaxial wiring

✔ Not prone to hacking or interference with other devices

✔ Bonded MoCA 2.0 with backward compatibility to MoCA 1.1/1.0

✔ Compatible with most Cable TV services.

✔ Does not work in satellite TV homes.

✔ Easy to Install, simply plug one MoCA adapter into your router and another MoCA adapter to the HDTV, set top box or other device

	Good	Better	Best
Avg Wi-Fi Speed in Real World Testing*	100-200 Mbps	> 900 Mbps	> 900 Mbps
Solution	Wi-Fi Mesh	Wi-Fi Access Points with MoCA 2.0 Adapters	802.11ac Wi-Fi Extender with Bonded MoCA 2.0
Model #		ECB6200 Kit	WCB6200Q +ECB6200

Results based on MoCA Alliance testing released in April 2017

Create a 1 Gbps "Internet Autobahn"

Use Actiontec's ECB6200 kit to create a 1 Gbps "Internet Autobahn" between Wi-Fi access points in your home for an instant performance boost. This super highway uses the existing cable wiring as a backhaul or "Internet Autobahn" for extending the Wi-Fi network beyond the primary router. It creates a bigger pipe for all your traffic, meaning faster speeds, steadier connections and less congestion, perfect for faster file transfers, lag-free gaming, and pristine 4K and HD streaming. On average customers experience a 300% network speed Improvement.

Trusted by Millions

Most of the leading broadband companies rely on coaxial networks in the home because it is very fast and extremely reliable. Join the millions of homes in North America that are taking their HD video streaming and online gaming to the next level with an Actiontec MoCA solution

The Latest Bonded MoCA Technology for Gigabit Speeds

With support for the latest bonded MoCA 2.0 standard, the ECB6200 bonds MoCA channels to support speeds up to 1 Gbps, more than enough bandwidth for HD video, online gaming, and other demanding applications. You get the reliability and performance of a wired connection without the expense of wiring the home for Gigabit Ethernet.

Use your Home's Existing Coaxial Wiring

When your home is faced with Wi-Fi challenges, like dead spots or interference, Actiontec's ECB6200 Bonded MoCA 2.0 Network Adapter Kit is the answer for consistent Gigabit Ethernet performance. Just plug one adapter into your modem/router and the other into your device (WiFi Extender/Access Point, TV, PC, or gaming console etc.) near a coaxial port in your home theater, living room, or anywhere else. You get the best of both worlds: the convenience of Wi-Fi throughout the home with the reliability of wires and faster speeds where you need them.

Specifications

RF Interface
– Connector: F-type
– Impedance: 75 Ω

Coax In Frequency Range
– Extended D-band: 1125 ~ 1675MHz
– Full Port Range: 5 ~ 2150MHz

TV/STB Out Frequency Range
– 5 ~ 1002MHz

Transmit Power
– Max: 7 dBm
– Typical: 2 - 5 dBm

Link Conditions
– Attenuation @ 0 dB: 980 Mbps typically
– Attenuation @ 50 dB : 940 Mbps typically

Network Size
– 16 Devices (including NC)

Ethernet Interface
– Connector Type: RJ45
– Configuration: One Port
– 10/100/1000 Base T 802.3ab
Ethernet LAN

MoCA Version
– Bonded MoCA 2.0, Backward compatible
  with MoCA 2.0, 1.1 and 1.0

Link Delay
– Typical: 2.5 ms
– Max: 3.0 ms

Power Requirement
– Power Consumption: < 5Watts
– Input Range: 100-240VAC, 50/60Hz

Environmental Conditions
– Ambient Temperature Range: 0 ~ 40°C
– Storage Temperature Range: -20 ~ 85 °C
– Operating Humidity: 10% ~ 95%
  Non-condensing

Actual speeds will vary depending on the condition and noise found on the coaxial wiring. 1.06 Gbps is the maximum throughput.