



# BCM4331

## Single-Chip 802.11n Dual-Band 3x3 Wireless Solution


Broadcom Limited

Single-chip 802.11n dual-band 3x3 wireless solution enables Wi-Fi products to support 450 Mb/s data rates and achieves over 600Mb/s (TCP/IP) throughput in simultaneous AP/router configurations. By combining expansive wireless capacity with features to improve range, Broadcom's Intensify® chip enables several instantaneous wireless multimedia applications, including high-definition (HD) video streaming, back-up, storage, multiplayer gaming, audio streaming wireless printing and photo sharing across the home. The BCM4331 IEEE 802.11n solution delivers full 3x3 with three transmitting and three receiving streams of data in both the 2.4GHz and 5GHz bands. Increased number of streams and antennas results in faster speeds, longer range, fewer dropped connections and better overall wireless coverage.

## Specifications

- **Data Rate (Max):** 600Mbps
- **Frequency:** 2.4GHz, 5GHz
- **Packaging:** Tray
- **Protocol:** 802.11n
- **RF Family/Standard:** WiFi
- **Type:** TxRx Only

## Parts

Image	Manufacturer Part Number	Description	Type	RF Family/Standard	Protocol	Modulation	Package / Case	RoHS
 Photo Not Available	BCM4331KMLG	IC RF TXRX WIFI SGL CHIP LO PCIE	TxRx Only	WiFi	802.11n	-	-	