TEST REPORT

Tolly.

#211120-1P

June 2011

Commissioned by
Belkin International, Inc.

Belkin N600 DB/N300/N150 Wireless N Routers:

802.11n Rate/Range Performance vs. Comparable Routers

EXECUTIVE SUMMARY

As the number of Wi-Fi devices in the home grows, new applications on those devices are driving the demand for Wi-Fi bandwidth ever higher. Belkin's new line of Wi-Fi routers are focused on maximizing the bandwidth available for user applications and delivering a superior user experience from any point in the house.

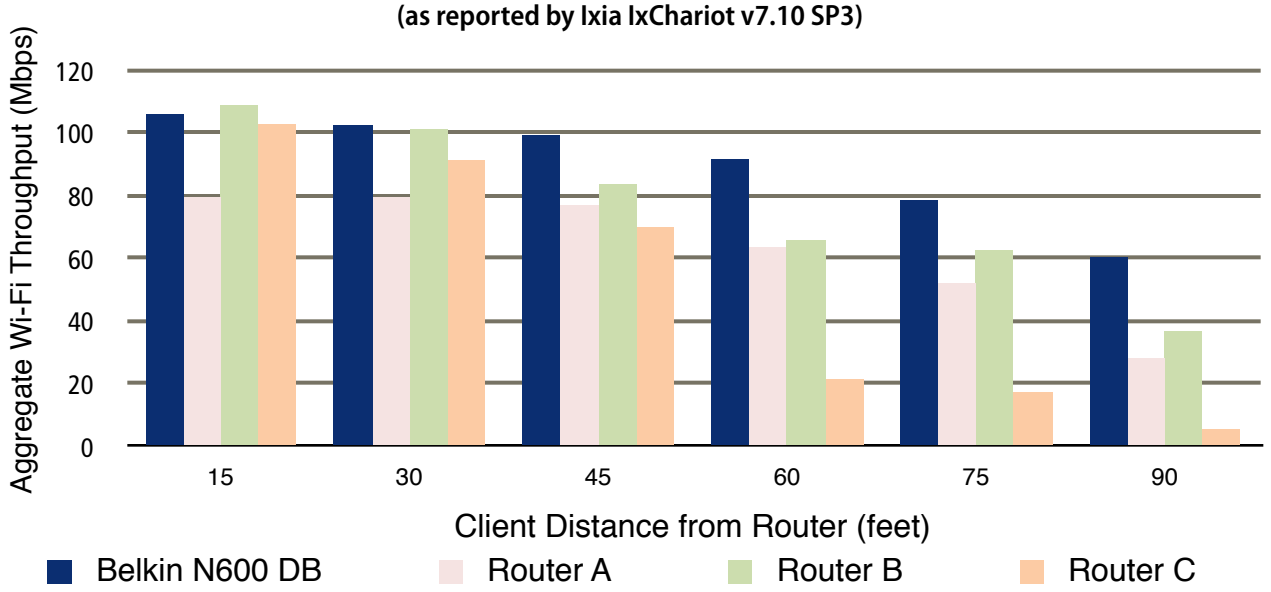
Belkin commissioned Tolly to benchmark the performance of its wireless LAN (WLAN) routers in an actual residence and compare that performance against comparable products from other leading home networking vendors. All tests for a given benchmark were run on the same day to minimize variability from environmental factors. The testing consisted of six locations, averaging the results of the four router orientations at each point to arrive at the reported metrics.

See Tolly report 211120 for complete methodology and results.

THE BOTTOM LINE

1. Belkin's N150, N300 and N600 DB routers, on average, deliver higher throughput than comparable routers
2. At 60ft, the Belkin N150 provides 78% greater throughput than comparable routers
3. At 60ft, the Belkin N300 provides 67% greater throughput than comparable routers
4. At distances greater than 30 feet, the Belkin N600 DB delivers greater Wi-Fi throughput than comparable routers
5. Under heavy simulated download traffic, the Belkin N600 DB provides 82% greater Wi-Fi throughput at 60ft than comparable routers

Belkin N600 DB WLAN Router 802.11n Rate/Range Performance vs. Comparable Routers
Simultaneous Bidirectional Throughput of 2.4GHz and 5GHz Bands with WAN Port Download Traffic
(as reported by Ixia IxChariot v7.10 SP3)



Source: Tolly, May 2011

Note: WAN port was Fast Ethernet. Results do NOT include traffic processed over WAN port.

Figure 1