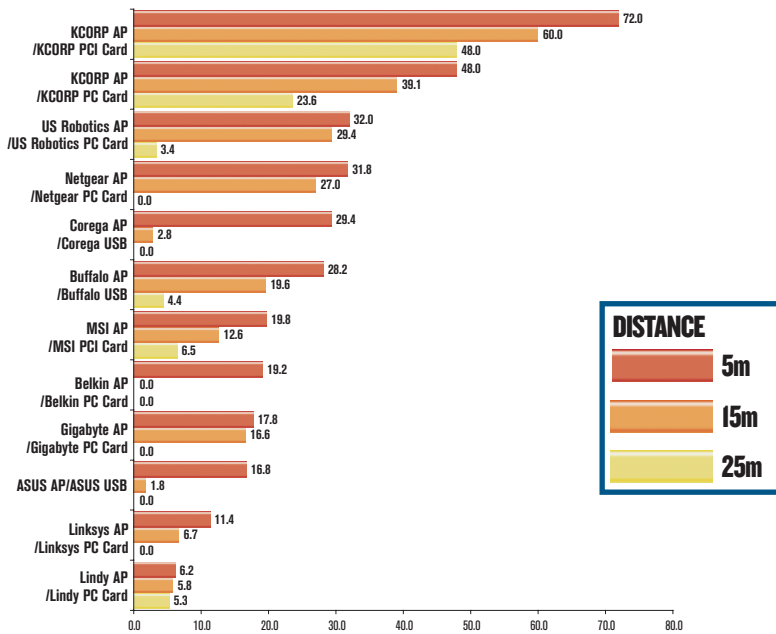


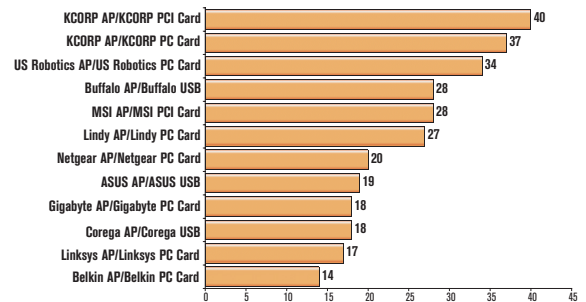
BENCHMARKS

Performance Access points with same-brand adaptors

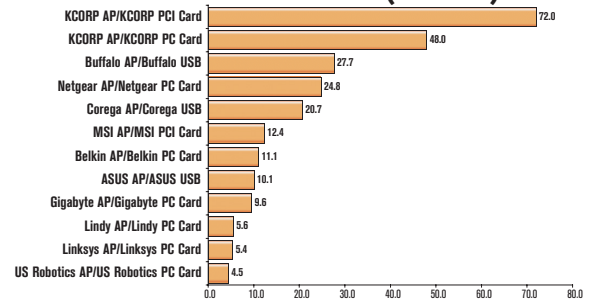
Speed Test (Mbit/s)



Range Test (metres)

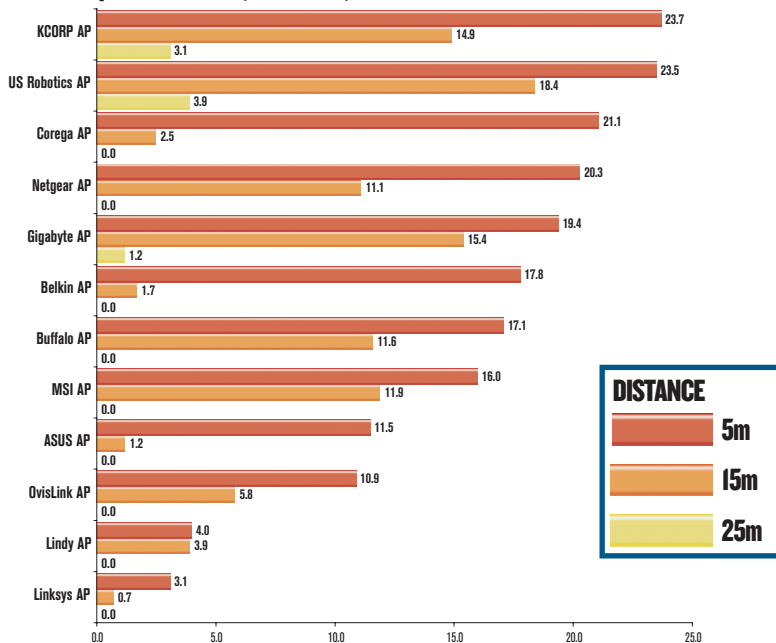


Wall Test (Mbit/s)

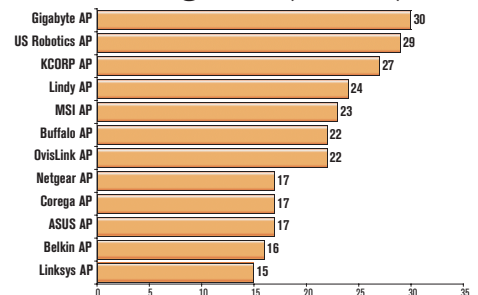


Performance Access points with standard adaptor

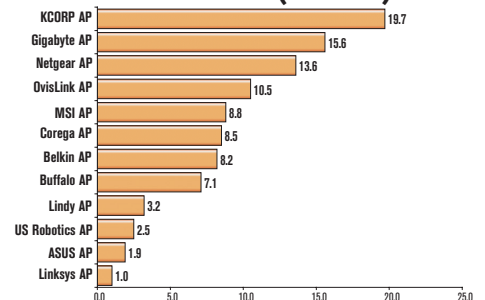
Speed Test (Mbit/s)



Range Test (metres)



Wall Test (Mbit/s)



HOW WE TESTED

Our benchmarks were designed to test both the performance and the range of the access points (APs) and wireless adaptors. To ascertain their maximum performance, we tested APs with the same-brand wireless adaptors wherever possible. This is necessary for them to run in any proprietary turbo modes and also generally delivers optimum results in standard modes.

Because you may be setting up a wireless network to use with an existing wireless-equipped

computer such as a Centrino notebook, we also tested the APs with a standard adaptor. These tests were performed with a third-party 802.11g wireless adaptor card. In our results this is referred to as the 'Standard adaptor' and we have performed the full set of performance and range tests for this combination. These tests give an indication of each AP's performance with the kind of device you might already have at home.

For each combination of AP and same-brand or standard adaptor the following tests were performed:

1. SPEED TEST

The performance in Mbit/s between the AP and adaptor at distances of 5m, 15m and 25m in a simulated office environment.

2. RANGE TEST

The maximum range in metres at which the AP and adaptor could still communicate.

3. WALL TEST

The transfer rate in Mbit/s between the AP and adaptor at a distance of 5m through a thick wall. **CS**