



If it connects to a computer, we can support it.

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## Wireless Network Site Survey DIY

Shortcut Computers have been supporting and installing wireless networks now for about 7 years since the early days of 802.11b was affordable in Australia. Since then there has been significant improvements in speed when 802.11g networks were developed and more recently 802.11n. There are still a number of firmware issues with the new 802.11n model routers and access points available on the market. In the event you purchase one of these models I highly recommend you upgrade to the latest firmware available from the manufacturer. Ideally if you have access to the internet already, download the firmware upgrade prior to connecting the new equipment.

Some models like Net gear come with a warning label advising to upgrade firmware prior to use which can be difficult if you have no connection available. I have had variable success in connecting to the 802.11n models without the updates. Specifically some laptops like Toshiba and HP have not been able to obtain a connection properly without the latest firmware update and in some rare instances I could not connect to the internet at all. I visited a friend's place recently and found I could not get the laptop to obtain a IP address properly and it kept timing out. I decided to plug in via Ethernet Cable and upgrade to the latest firmware released by Net gear.

After restarting the router once the firmware upgrade had taken place I waited for line sync and went back over to the Toshiba laptop. Once I refreshed the wireless connection it got an internet connection straight away and within a few seconds the problem had been resolved.

After setting up and installing your new wireless network you may want to check your signal strength, security settings and local competition. Such programs like Net stumbler and a new software program called insider are free to download and lots of fun to use.

The following recommendations are a guide to purchasing your wireless router, access point or all in one adsl2+ wireless modem router.

- ✓ Always use an All in One Wireless Modem Router if you have the option.
- ✓ Take out extended warranty on your network device.
- ✓ Check online reviews for the model you are interested in prior to purchase.
- ✓ Check compatibility if you are purchasing a Wireless Router.
- ✓ Look for support options on the packaging in case you need assistance.
- ✓ Make sure it has sufficient ports for any Ethernet devices you may have.



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- ✓ Some model routers come with VOIP ports as well to allow you to plug in a phone and make cheap phone calls via a VOIP Provider.

At Shortcut Computers we take care of all your IT needs and provide customised equipment to meet your requirements. Our slogan for 2009 "We fix what the others overlook"

### Fixed Pricing

- Our prices start at \$132.00 GST inclusive which includes:
  - a professional service call including service report
  - Friendly Certified Computer Technicians
  - 1<sup>st</sup> hour on site charge. N.B. Additional time if required is charged at \$22.00 GST inclusive per 15 minutes
- Payments can be made by cash, cheque, credit card or direct debit. Please ensure payments are made within 3 days of receiving your invoice.

### Scheduled Servicing

- Shortcut Computers has introduced fixed priced scheduled servicing. Clients taking up scheduled servicing monthly, bi-monthly or quarterly will receive the following discount.
- Fee \$82.50 per hour (minimum of 2 hours)

### Quotations

- Consultation quotes incur a minimum charge of \$110 GST inclusive for first hour.



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