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Draytek Vigor 2850n is probably the first router to support VDSL2 connectivity standard. VDSL2 is required for high speed copper based connections like BT Infinity. draytek 2850n also support ADSL2+ connections. It features 4 ports for Gigabit Ethernet LAN connectivity. However, the fourth port can be used for dual purpose. It can also be used as a WAN port for connection to another router or modem. In fact, there is even option for attaching 3G USB internet dongle within the USB port available. And the router can be configured to any of the connectivity method in case there is problem with the other connection options.

The draytek vigor 2850n has a quick start menu for quick access to in-built configuration utility. However, this does not ensure that 2850n series is for the beginners rather, it is mainly for the more experienced users like IT technicians working within commercial premises. They are also great for those home users who need higher and additional networking flexibility than those that are provided by their personal router provided by ISP. 2850nâ€™s configuration menu list is quite and totally uncluttered. This helps in easy navigation. However, there are less explanatory notes on navigation procedures, expecting users to already have proper awareness about the options and process.

Vigor 2850n can also be connected using Wi-Fi. When tested on a Centrino 2 processor based laptop at a band 2.4 GHZ, the data rate speed achieved is close to 42.8Mbit/s within 1 meter distance. The speed deteriorated to 34.3Mbit/s for 10 meters & 12.8Mbit/s at 25 meters. Although rates are not extremely fast for higher distance ranges but they are also not on the slowest side. The speed is moderate and can be defined as above average. When switched to 5GHz band along with enabled channel bonding option, the bandwidth rates increased by a much higher level. For a distance of 1 meter range, it offered speed of around 59.9Mbit/s. For 10 meters distance, it offered around 45.5Mbit/s and 31.9Mbit/s for25 meters.

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