

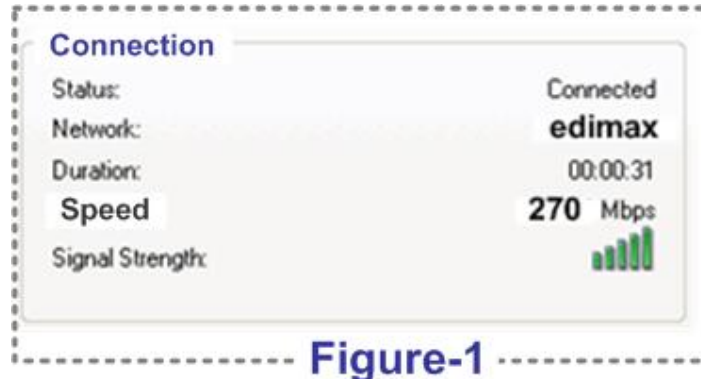
Why does my wireless 11n card display 270Mbps speed only in the Windows XP wireless utility.

This FAQ is applied to the following models:

All series of the Edimax wireless 11n cards.

Introduction:

The latest wireless technology claims the transmission speed (data rate) of up to 300Mbps, but why my Windows displays merely 270Mbps as shown in the **Figure-1**?



Why this occurs?

The wireless signal tends to be affected by the nearby interference. The more interference, the slower wireless transmission speed. Hence, there must be a method to change the wireless speed automatically subject to the environment interference level. This method is called “**auto-fallback**”.

When we use the Windows wireless utility to monitor the wireless speed, normally, 270Mbps is acquired if the wireless card is not too far from the wireless 11n access point. When you actually send a large amount of file, 50M file for example in the **Figure-2**, the wireless card will raise the speed automatically (this is the effect of the “**auto-fallback**”) and shown in the Windows wireless utility.

