

## Description of Operation

EUT is a [802.11a/b/g PCI card](#) with 11 channels for 802.11g and 17 channels for 802.11a. This device provided 1/2/5.5/11/6/9/12/18/24/36/48/54/108 Mbps of transmitting speed. The device of RF carrier is DQPSK,DBPSK,CCK and OFDM. The device adapts direct sequence spread spectrum modulation. [There are 4 dipole antennas provided for this mobile module.](#)

This [Wireless Card](#) is an IEEE 802.11a/b/g Wireless LAN adapter. It allows your computer to connect to a wireless network and to share resources, such as files or printers without being bound to the network wires. Operation in 2.4GHz Direct Sequence Spread Spectrum (DSSS) and [5GHz](#) Orthogonal Frequency Division Multiplex-ing (OFDM) radio transmission, the [802.11a/b/g PCI card](#) transfers data at speeds up to 64/128-bit Wired Equivalent Protection(WEP) algorithm and the new industrial-strength WPA (Wi-Fi Protected Access™) security is used. In addition, its standard compliance ensures that it can communicate with any 802.11a/b/g network.