

Description of Operation

AzureWave Technologies, Inc. introduces the pioneer of the IEEE 802.11b/g/n USB Half-Mini-Card wireless module ---AW-NU706H. The AW-NU706H USB Half-Mini-Card wireless module is a highly integrated wireless local area network (WLAN) solution to let users enjoy the digital content through the latest wireless technology without using the extra cables and cords. It enables a high performance, cost effective, low power, compact solution that easily fits onto one side of a USB Half-Mini-Card.

Compliant with the IEEE 802.11b/g/n standard, the AW-NU706H uses Direct Sequence Spread Spectrum (DSSS), Orthogonal Frequency Division Multiplexing (OFDM), BPSK, QPSK, CCK and QAM baseband modulation technologies.

A high level of integration and full implementation of the power management functions specified in the IEEE 802.11 standard minimize system power requirements by using AW-NU706H.

Longer Range and Faster Speed

Comparing to 802.11g technology, 802.11n draft 3.0 standard make big improvement on speed and range.

It Increases wireless range by up to 2 times and reduces dead spots in coverage area. The data rate can up to 150Mbps data rate