

MT-WN742

300Mbps Wireless N PCI Adapter

Description:

The MT-WN742 complies with IEEE 802.11n (Draft 2.0), IEEE 802.11g, and IEEE 802.11b standards. Wireless transmission rates can reach up to 300Mbps. It compatible with IEEE 802.11g/b wireless devices. The adapter adopts MIMO technology which can bring a faster, wider, and more stable wireless network. You could enjoy the racing speed of wireless connection surfing on Internet without string wires. Adding 11n wireless adapter to your Computer, it provides an excellent solution for doing media-centric activities such as streaming video, gaming, and enhances the QoS (WMM) without any reduction of performance.

Features

- Following IEEE802.11b/g/n wireless communication standards
- Support working mode: AD-Hoc Mode, Infrastructure Mode and Soft AP Mode.
- Support Cisco CCS V1.0, 2.0, 3.0 Standards.
- Support QOS 802.11e, the WMM function
- Support WEP 64/128, WPA, WPA2, 802.1x Standard.
- Support to simplify Wi-Fi networks set up the functions of WPS
- The Spread Spectrum technique adopts DSSS(the Spread Spectrum of the Direct Sequence)
- Mechanism : QPSK/BPSK/CCK/OFDM/QAM
- Support the wireless Roaming
- Connects at up to 360 meters outdoors, 120 meters indoor
- Provides high-speed wireless connection at up to 300Mbps

Specifications:

Standard	IEEE 802.11b/g, IEEE 802.11n(Draft 2.0),CSMA/CA with ACK
MIMO	2Tx/3Rx
Type	PCI 2.1,2.2
Frequency Band	2.4-2.4835GHz
Data Rates	11n: 270/243/216/162/108/81/54/27Mbps 135/121.5/108/81/54/40.5/27/13.5Mbps 130/117/104/78/52/39/26/13Mbps 65/58.5/52/39/26/19.5/13/6.5Mbps 11b: 11/5.5/3/2/1M (Auto-Sense) 11g: 54/48/36/24/18/12/9/6M (Auto-Sense)
Channel	13 CHANNELS(ETSI),11 CHANNELS(FCC)
Wireless Technique	DSSS(Direct Sequence Spread Spectrum)
Security	64/128-bit WEP. WPA/WPA2-Wi-Fi Protected Access.802.1X
Sensitivity @PER	70M: -68dBm@10% PER; 130M: -68dBm@10% PER 108M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@10% PER 6M: -88dBm@10% PER 1M: -90dBm@10% PER
Transmission Distance	Indoor up to 120m, outdoor up to 360m (Standard transmission distance, it is limited in an environment).
Transmit Power	20dBm(Typical)
Antenna Type	3 x 2dBi detachable Omni Directional antenna
Dimensions(L × W × H)	117.6 x 32 x 1.6 (mm)
Environment	Operating Temperature: 0C-40C
Storage Temperature:	-40-70C
Operating Humidity:	10%-90% non-condensing
Storage Humidity:	5%-95%, non-condensing
Operate System	Windows 98SE / ME / 2000 / XP / Vista / Win7 / Linux