



XN-791

Draft 2.0 IEEE 802.11n 2.4GHz WLAN USB Adapter

High-speed Wireless-N (draft 2.0 802.11n) networking

Compact size dongle design

USB v 2.0 compliant

Data Rate up to 300Mbps for 40MHz

Ultimate Performance

XN-791 is a draft 2.0 802.11n wireless USB v2.0 adapter that delivers incomparable wireless performance for your device. This wireless adaptor delivers up to 5x faster speeds than 802.11g while staying backward compatible with 802.11g and 802.11b networks. Once connected, your device will share a high-speed Internet connection, photos, files, music, videos, printers, and storage.

MIMO (Multiple-input multiple-output) Technologies

Based on the advanced MIMO technologies, XN-791 provides 2 embedded antenna, which ensure not only the optimization of the speed, but also the maximum coverage.

Compact Size Dongle Design

Without sacrificing the performance, XN791 is well designed to be a very compact USB adapter.

Host Interface			
USB 2.0			
Operating Voltage			
DC 5V ± 5%			
Current Consumption			
802.11b/g/n	TX: 500 mA		RX: 350mA
Radio			
Antenna	1 Transceiver * 2 Receivers		
Output Power	IEEE 802.11b		Typical
	11 Mbps (one antenna)		15dBm
	IEEE 802.11g		Typical
	54 Mbps (one antenna)		14dBm
	IEEE 802.11n		Typical
	2.4GHz_HT20 (two antenna)		13dBm
	2.4GHz_HT40 (two antenna)		12dBm
Sensitivity	IEEE 802.11b 11Mbps -80dbm	IEEE 802.11a/g 54Mbps -65dbm	IEEE 802.11n (2.4GHz & 5GHz) HT20 -62dbm HT40 -59dbm
Modulation	IEEE 802.11b (DSSS): CCK, DQPSK, DBPSK		
	IEEE 802.11a/g (OFDM/DSSS): QAM-64, QAM-16, QPSK, BPSK		
	IEEE 802.11n (OFDM/DSSS): QAM-64, QAM-16, QPSK, BPSK		
Modulation	IEEE 802.11b/g/n Band USA(FCC): 2.412GHz ~ 2.462 GHz (CH1 ~ CH11) Europe (ETSI): 2.412 GHz ~ 2.472 GHz (CH1 ~ CH13) Japan (TELEC) : 11b:/g : 2.412 GHz ~ 2.472 GHz (CH1 ~ CH13)		
Software Specification			
Supported OS	Windows XP and Vista and 2000		
Security (802.11b/g)	WEP, 802.1x, WPA, WPA-PSK, WPA2, WPA2-PSK		
Physical Specification			
Dimension	82.33mm(L)*13.21mm(W)*26.34mm(H)		
Environment Specification			
	Temperature (Ambient)		Humidity (Non-condensing)
Operating	0 ~ 55		90%
Storage	-20 ~ 80		5~95%
Warranty			
12 months			