

NEOWARE USB WIRELESS ADAPTER

802.11a/b/g



Thin clients are going wireless! That means you can connect to Citrix applications, Windows 2003 Servers, or any other environment without having to worry about Ethernet wiring. Neoware's new wireless adapter enables fast, reliable high-speed wireless connectivity for greater efficiency and productivity. Using the latest wireless chip technology, incredibly fast data transfer is achieved. Through the WiFi Protected Access (WPA) specification, your data is tightly secured without sacrificing performance. Designed with flexibility in mind, Neoware's wireless adapter can interface with USB 2.0 and USB 1.1 ports, and is backward compatible with 802.11b access points.

As a low cost alternative to an internal PCI wireless card, our USB Wireless device puts you ahead of the curve without sacrificing your budget dollars.

HARDWARE CONFIGURATION

RADIO	
Frequency band and channels	2400-2483.5 MHz (USA, Canada) channels 1-11
Frequency band and channels	2400-2483.5 MHz (Europe) channels 1-13
Frequency band and channels	2400-2483.5 MHz (Japan) channels 1-14
Operating channel	IEEE 802.1b, direct sequence spread spectrum, IEEE 802.11a/b/g
MODULATION TYPE	
QPSK, BPSK, CCK, OFDM	
DATA RATE (up to 54Mbps)	
Distance <50 ft.	Up to 54 Mbps
Distance <150 ft.	Up to 11 Mbps
RADIATION POWER	
13-17 Bm at maximum radiation direction	
POWER CONSUMPTION	
Suspend/high speed mode	384 uA at 5V
Active/high speed mode	259 mA at 5V
RECEIVER SENSITIVITY	
Min -71dBm at 54 Mbps, PER<8%, Min -84dBm at 11 Mbps, PER<8%	
COMPLIANT	
FCC Part 15 B, C	
MEDIA ACCESS CONTROLLER/ BASEBAND CONTROLLER CHIP	
VT6656	
MEDIA ACCESS PROTOCOL	
CSMA/CA (collision avoidance) with ACK	
USB INTERFACE	
USB 2.0/1.1 standard	
PHYSICAL SPECIFICATIONS	
Dimensions (without connector)	3.07" x 1.06" x 0.35" 78mm x 27mm x 9mm
Weight	0.35 oz. (10 g)
ENVIRONMENTAL	
Operating Temperature	32-131° F (0-55° C)
Storage Temperature	68-158° F (20-70° C)
Operating Humidity	0-70%
Storage Humidity	0-95% non-condensing
COMPLIANCE CERTIFICATION	
USB-IF	
PART NUMBER	
USB-WIRELESS-1	

SECURITY FEATURES

WPA (WiFi Protected Access) 1.0 / 2.0 for use with 802.1x Authentication Server

- WEP 128 bit / WEP 64 bit encryption
- RC4 encryption
- TKIP encryption
- AES CCMP encryption

SOFTWARE SUPPORT RESOURCE

Download software required to support the Neoware USB Wireless Adapter at:
<http://www.neoware.com/support/usb-wireless.html>

WARRANTY INFORMATION

1 year warranty – replacement

For assistance with setup or troubleshooting contact Neoware at:
(800) NEOWARE option 4 or +1 (610) 277-8300.

For repair or replacement contact Neoware Service at:
www.neoware.com/support/support_request.html

REGULATORY INFORMATION

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This product has received the CE marking and can be used in the following countries:

North America: United States, Canada

Europe: Germany, France, Italy, England, Spain, Austria, Denmark, Finland, Iceland, Luxemborg, Netherlands, Norway, Sweden, Switzerland.



NEOWARE. WOULDN'T IT BE GREAT?