

DWL-500 PCI Wireless

Create a Network and Share Internet Access without Wires

The D-Link DWL-500 is a high-speed 11 Megabits per second (Mbps) Ethernet wireless network adapter that plugs into your PC's PCI bus slot. Once connected with other networked PC's, it allows you to share hard disk drives, DVD drives, CD drives, Iomega Zip drives, printers and provides shared access to a modem for Internet access.

It strictly adheres to the most advanced IEEE networking Standard for wireless connections, so the D-Link DWL-500 is very compatible with multi-vendor environments that also meet the standard compliance for the IEEE 802.11b. The DWL-500 bandwidth data transmission rate can be set manually at 11Mbps, 5.5Mbps, 2Mbps, 1Mbps or it can be set on dynamic auto-sensing configuration.

The D-Link DWL-500 will connect point to point (Ad Hoc) or it can use an access point (Infrastructure Mode) to extend the reach of its communications capability. In Infrastructure mode, the DWL-500 can be connected to a broadband residential gateway or a xDSL/Cable modem for high-speed wireless Internet access on the existing network. It has full mobility and seamless roaming from cell to cell as well as across access points. The range of coverage per cell for indoor use is up to 100 meters and up to 300 meter per cell for outdoor use.

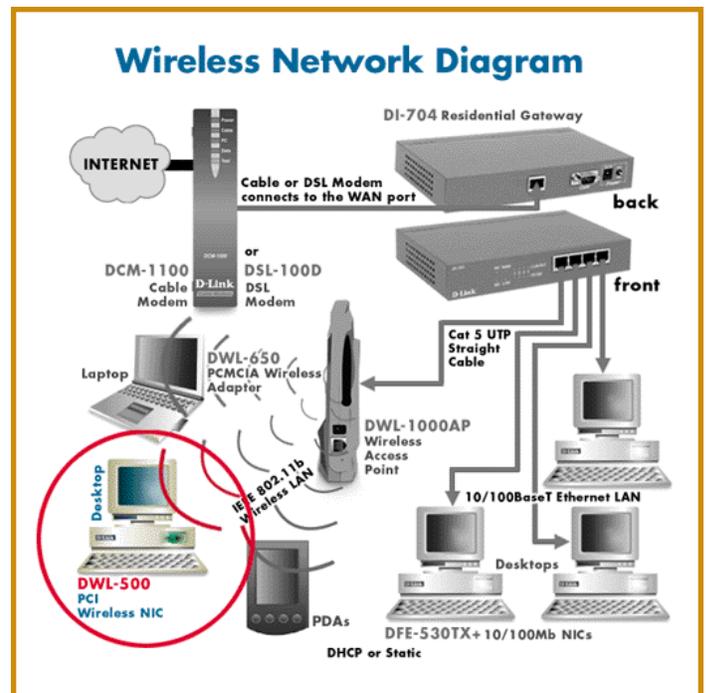
The D-Link DWL-500 is an IEEE 802.11b compliant 11Mbps wireless LAN PCI adapter. The DWL-500 will operate in 2.4 GHz Direct Sequence Spread Spectrum (DSSS) for wireless networks in the home or office environment. It is PCI Local Bus 2.2 compliant. In addition, the DWL-500 supports WEP (Wired Equivalent Privacy) Encryption for network security..

The DWL-500 can transmit data at 11, 5.5, 2 or 1 Mbps per channel. The DWL-500 transmit rate values can be manually selected for Auto Select 1 or 2 Mbps, Fixed 1 Mbps, Fixed 11 Mbps, Fixed 2 Mbps, Fixed 5.5 Mbps and Fully Auto.

The DWL-500 comes with an internal non-detachable diversity patch antenna and one built-in green LED indicator for power, network link and activity. The DWL-500 is compatible with Windows 98, ME, 2000, NT 4.0 and other popular operating systems.



The D-Link DWL-500 PCI Wireless allows you to create or join a network and share Internet access without wires



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Technical Specifications	
Standards	<ul style="list-style-type: none"> ● IEEE 802.11b ● All major networking standards (including IP, IPX)
Adapter Type	PCI Local Bus 2.2 compliant
Transport Protocols	<ul style="list-style-type: none"> ● TCP/IP ● IPX/SPX ● NetBEUI ● NDIS3/4
TCP/IP Protocols	<ul style="list-style-type: none"> ● BOOTP ● DHCP ● Telnet ● FTP
Supported OS	<ul style="list-style-type: none"> ● Windows 98 ● Windows ME ● Windows 2000 ● Windows NT 4 or newer
Data Security	64/128-bit WEP (Wired Equivalent Privacy) Encryption
Data Rate	<ul style="list-style-type: none"> ● Mbps/channel ● 11 : CCK ● 5.5 : CCK ● 2 : DQPSK ● 1 : DBSK
Range	<ul style="list-style-type: none"> ● indoor – per cell approximately 35 to 100 meters ● outdoor – per cell approximately 100 to 300 meters
Power Requirements	250mA
Antenna	Internal diversity patch antenna
Transmit Power	<ul style="list-style-type: none"> ● Nominal Temp Range: 14 dBm max, 11 dBm min. ● Extend Temp Range: 13 dBm max, 10 dBm min. ● Transmit Power: 2.7V to 3.0V, 13 dBm max, 10 dBm min
Frequency Range	2.400 – 2.4835 GHz, Direct Sequence Spread Spectrum (DSSS)
Network Architecture	<ul style="list-style-type: none"> ● Supports Ad-Hoc Mode (Peer-to-Peer without Access Point) ● Supports Infrastructure Mode (Communications to wired networks via Access Points with Roaming) ● Compliant with IEEE 802.11b Standards
Operating Channels	<ul style="list-style-type: none"> ● 1-11 United States (FCC) ● 1-11 Canada (DOC)
Physical Dimensions	<ul style="list-style-type: none"> ● L = 166 mm (w/Antenna extended) ● W = 18 mm ● H = 120 mm
Diagnostic LED (Green)	<ul style="list-style-type: none"> ● Power ● Activity ● Link
Temperature	<ul style="list-style-type: none"> ● Operating Temperature: -10YC to 50YC ● Storing: -20YC to 70YC
Humidity	Max. 95%, non-condensing
Emissions	<ul style="list-style-type: none"> ● FCC ● CE ● ETSI 300.328 ● ARIB-Telec
Safety	UL
Warranty	Lifetime Warranty and Free Technical Support