Wireless LAN
USB Adapter

Ambit's Wireless USB Adapter is an ideal solution for any wireless network that requires superior performance and minimal downtime. With 802.11b compliance, you can be assured that the Wireless USB Adapter will work effortlessly with your existing network. Seamless roaming allows you to transition between multiple Access Points without reconfiguring your network...perfect for switching between office and home. Take advantage of 64/128 bit wired equivalent privacy (WEP) for enhanced security. And with Ambit's high-powered 17 dBm output, you can connect the Wireless USB adapter to your desktop or laptop without the need for additional wires.
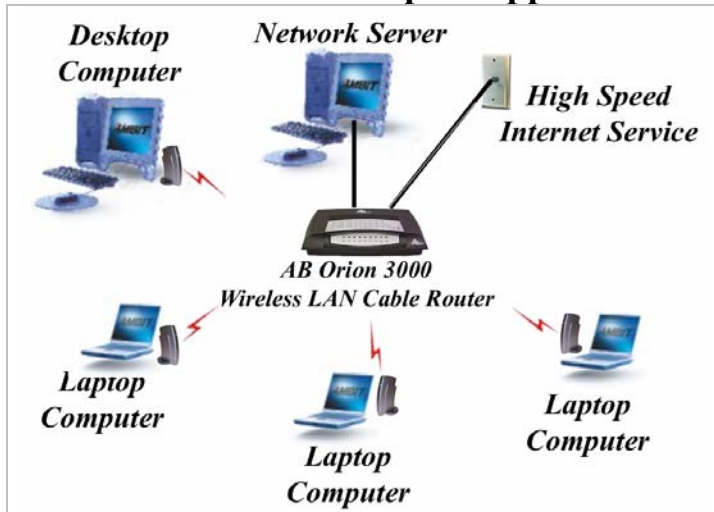
Want to get the most out of your Ambit Wireless Adapter? Launch Ambit's Wireless LAN Utility for extensive diagnostics such as available Access Points, configuration options, and much more!

Function

- Compatible with IEEE 802.11b high rate standard to provide wireless Ethernet speeds of 11 Mbps data rate

- Dynamic data rate switching with 11, 5.5, 2 and 1 Mbps

- Allow auto fallback data rate for optimized reliability, throughput and transmission range

- Support wireless data encryption with 64/128-bit WEP standard for security

- Microsoft drivers support Windows 98SE, ME, 2000, and XP

- WI-FI Certified

Ambit Microsystems Inc.

Wireless LAN USB Adapter Application

SPECIFICATION	
Dynamic rate shifting	1, 2, 5.5, 11 Mbps(Auto selects highest usable rate)
Network standard	IEEE 802.11b
Frequency	2.4MHz ISM band
Wireless Medium	Direct Sequence Spread Spectrum
Encryption	64/128-bit WEP encryption
Modulation	DBPSK@1Mbps DQPSK@2Mbps CCK@5.5Mbps and 11 Mbps
Transmitter Power	Maximum 17dBm
Receive Sensitivity	-88dbm @ 1 Mbps -86dbm @ 2 Mbps -84dbm @ 5.5 Mbps -82dbm @ 11 Mbps
Interface Type	USB 1.0 and 1.1
Device Driver	NDIS 4
Software Driver	Microsoft drivers support Windows 98SE, ME, 2000, and XP
Software Utility	Location profiles, Current Card status, Link Test, Real-time Link Quality, and Configuration NIC.
Network Architecture Types	Ad-Hoc mode(peer to peer) Infrastructure mode(with Access Point)
Antenna	Integrated internal diversity antenna
LED Indicator	Link Activity
Power	3.3 VDC; Transmit 380mA typical (500mA max) Receive 215mA typical (300mA max) Sleep 90mA typical (100mA max)
Safety compliance	USA/Canada UL1950/CSA22.2
Environmental Operating Ranges	Temperature:0 to 55°C; Storage -20 to 70°C
Dimensions	Length 8.07cm/3.18inch Width 4.88cm/1.92inch Height 13.02cm/5.13inch
Weigh	3.2oz/90.72g

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