



ALCATEL SPEED TOUCH 110

One Card, One Technology, One Solution

The Alcatel Speed Touch™ 110 - Wireless PC Card provides high speed wireless networking at up to 11Mb/s, and secure Internet access for laptop computers, as well as a wide range of mobile computing devices.

The wireless PC card provides excellent coverage and range, lowering overall network equipment costs and offers automatic rate selection: 11 Mb/s, 5.5 Mb/s, 2 Mb/s and 1 Mb/s. As it consumes very little power, it is ideal for mobile units where long battery life is essential.

Freedom to Work Anywhere

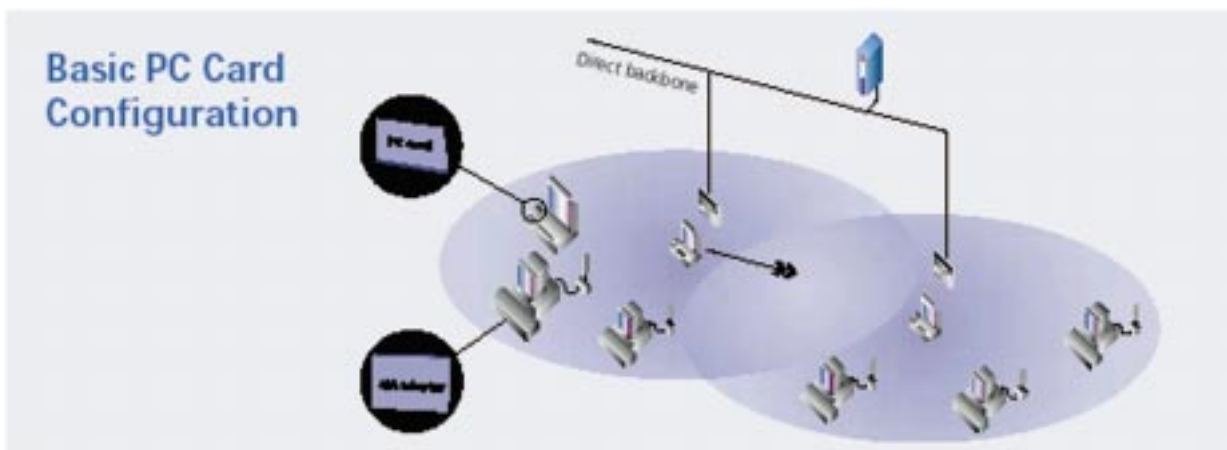
The Alcatel Speed Touch 110 delivers the same high performance connectivity as wired systems, with the added freedom to move around your office, campus or house.

Data Protection and Security

The PC Card is designed with a security system to protect your data: the Wired Equivalent Privacy (WEP), using a 64-bit key.

Compatible with Industry Standards

The Wireless PC Card is interoperable with other manufacturer's high speed IEEE 802.11b HR compliant systems and is fully compliant with the WECA Wi-Fi (wireless fidelity) standard.





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Technical Specifications

Hardware Specifications

- ▼ Interface:
 - PC card, ISA, PCI
 - Wireless: compliant with 11 Mb/s IEEE 802.11b HR
- ▼ Dimensions: 118 x 54 x 87 mm (4.72 x 2.16 x 3.48 in.)
- ▼ Temperature: 0° to 55° C (32 to 131 F)
- ▼ Humidity: 0 to 95%
- ▼ 5 V power supply: ISA +25mA

Wireless Specifications

- ▼ Frequency: 2400-2483.5 MHz
- ▼ Numbers of selectable sub-channels:
 - Europe/APA: 13
 - USA (FCC): 11
 - France (FR): 4
 - Japan (JP): 14
- ▼ Modulation Technique: Direct Sequence Spread Spectrum (CGK, DQPSK, DBPSK)
- ▼ Spreading: 11-chip Barker sequence

▼ Coverage:

Range in meters (feet) (100 bytes user data)	11 Mb/s	5.5 Mb/s	2 Mb/s	1 Mb/s
Open Office	160 m (525 ft)	270 m (885 ft)	400 m (1300 ft)	550 m (1750 ft)
Semi Open Office	50 m (165 ft)	70 m (230 ft)	90 m (300 ft)	115 m (375 ft)
Closed Office	25 m (80 ft)	35 m (115 ft)	40 m (130 ft)	50 m (165 ft)
Receiver Sensitivity dBm	-82	-87	-91	-94
Delay Spread (at FER of <1%)	65 ns	225 ns	400 ns	500 ns

Software Specifications

- ▼ Support for:
 - Windows 95, 98, 98SE, 2000, ME and XP
 - Mac OS 8.6, 9 and X
 - Novell Client 3.x and 4.x

Certifications

- ▼ Regulations:
 - Europe/APA: ETS 300-328, CE marked
 - USA: FCC 47 CFR Part 15C, Section 15.247
 - Canada: ISC RSS 139
 - Japan: MPT Radio Regulations
- ▼ WECA WiFi interoperability certification



For more information: www.alcateldsl.com



ARCHITECTS OF AN INTERNET WORLD