

AWPCI085P



Module	802.11 a	802.11 b/g
High Power	U.FL	



802.11a/b/g High power mini-PCI module

802.11a/b/g Mini-PCI is complied with IEEE 802.11a standard/IEEE 802.11b/g standard and can be used to provide a variety of 11g high-power wireless network interface card.

Feature :

- ▶ Wide temperature range (-20°C ~ +65°C)
- ▶ Chipset: Atheros AR5006XS AR5414
- ▶ Operates in the 802.11a/b/g 2.4/5GHz
- ▶ Support Windows 2000/XP, Linux driver
- ▶ High power 350mW
- ▶ Antenna connector: U.FL diversity for 11a/b/g
- ▶ 64/128-bit WEP Encryption, WPA

Specification :

Model	AWPCI085P
Chip Set	Atheros AR5006XS, AR5414(support 108M)
Interface Type	Mini PCI Type III B
Frequency Band	IEEE 802.11a/b/g ISM Band USA (FCC): 2.412GHz ~ 2.462 GHz (CH1 ~ CH11), 5150 MHz – 5350 MHz / 5725 MHz – 5850 MHz

	Europe (ETSI): 2.412 GHz ~ 2.472 GHz (CH1 ~ CH13),5150 MHz – 5350 MHz / 5470 MHz – 5725 MHz Japan (TELEC) : 2.412 GHz ~ 2.472 GHz (CH1 ~ CH13),5150 MHz – 5250 MHz
Output power	11b/g: 25dBm 1300mA Maximum @6Mbps, 21dBm 900mA Maximum @ 54Mbps 11a: 17dBm 600mA Maximum @ 6Mbps, 14dBm 400mA Maximum @ 54Mbps
Operating Voltage	DC 3.3V +- 0.1%
Power Consumption	IEEE 802.11b/g TX: < 1300 mA RX: < 300 mA IEEE 802.11a TX: < 500 mA RX: < 300 mA
Antenna connector	U.FL diversity for 11a/b/g
Sensitivity	IEEE 802.11 a/g Sensitivity @ Packet Error Rate: 10% 54 Mbps:~ -74dBm 48 Mbps:~ -77dBm 36 Mbps:~ -83dBm 24 Mbps:~ -86dBm 18 Mbps:~ -90dBm 12 Mbps:~ -91dBm 9 Mbps:~ -93dBm 6 Mbps:~ -94dBm
Dimension	4.9x5.9cm
Weight	<50 g