

Item no.: 311959

## AWPCI085S - AR5006x a/b/g mini PCI Module

# 15,33 EUR

Item no.: 311959  
shipping weight: 0.10 kg  
Manufacturer: ALFA Network



### Product Description

AWPCI085S - AR5006x a/b/g mini PCI Module

Industrial level 802.11a/b/g Atheros mini PCI module.

Features:

- Wide temperature range (-20°C ~ +65°C)
- Chipset: Atheros AR5006XS AR5414
- Operates in the 802.11a/b/g 2.4/5 GHz frequency
- Supports Windows 2000/XP, Linux drivers
- High power 100 mW antenna, connector: U.FL diversity for 11a/b/g
- 64/128-bit WEP encryption, WPA
- Model: AWPCI085S
- Chip set: AR5414
- Interface type: Mini PCI type III B
- Frequency bands: IEEE 802.11a: 5150 MHz – 5250 MHz (Japan), 5150 MHz – 5350 MHz/5470 MHz - 5725 MHz (Europe), 5150 MHz – 5350 MHz/5725 MHz - 5850 MHz (USA); IEEE 802.11g/b: 2400 MHz – 2483.5 MHz (for USA, Canada & Europe)
- Channel: IEEE 802.11a: 4 channels (Japan), 19 channels (Europe), 13 channels (USA); IEEE 802.11g/b: 14 channels (Japan), 13 channels (Europe), 11 channels (USA)
- Emission type: OFDM, DSSS
- Output power: IEEE 802.11a: 14 dBi +/- 1 dBi; IEEE 802.11g/b: 19 dBi +/- 1 dBi
- Frequency stability: Within + 20 ppm
- Data modulation type: BPSK (6/9 Mbps)/QPSK (12/18 Mbps)/CCK (5.5/11 Mbps)/16QAM (24/36 Mbps)/64QAM (48/54 Mbps)
- Power: 3.3 Volt + 5%
- Power consumption TX: under 1300 mA; RX: under 300 mA
- Antenna connector: U.FL connector, 2x antenna ports
- Impedance: 50 ohm
- Bus interface: Mini PCI 1.0 compliant
- Security: Hardware 64/128-bit WEP/TKIP/AES-CCM/ 802.1x, WPA
- Data rate: 802.11a: Up to 54 Mbps(108 Mbps @ Turbo Mode); 802.11g: Up to 54 Mbps; 802.11b: Up to 11 Mbps
- Operating temperature: -40°C to +75°C
- Humidity: 5 – 95%, non-condensing
- Sensitivity: -74 dBm @ 64Qam (typ.)
- Dimension: 59.75 x 44.6 x 5 mm

### Specifications

**Scan this QR code to  
view the product**  
All details, up-to-date  
prices and availability



