

Item no.: AWPCI085ALR

## AWPCI085ALR - 802.11a high-power miniPCI Module

# 21,28 EUR

Item no.: AWPCI085ALR  
 shipping weight: 0.30 kg  
 Manufacturer: ALFA Network



### Product Description

ALFA AWPCI085ALR - 802.11a high-power miniPCI Module 802.11a miniPCI is compliant with the IEEE 802.11a standard and can be used to provide a variety of high-power wireless network interface cards. Features:

- Fully IEEE 802.11a standard compliant to provide wireless speeds of 108 Mbps data rates
- High power
- Allows auto-fallback data rate for optimized reliability, throughput and transmission range: 54/48/36/24/18/12/11/9/6/5.5/2/1 Mbps
- Super A mode supports up to 108 Mbps for 802.11a
- Strong network security with 802.1x, Wi-Fi Protected Access, and WEP encryption
- Driver/Utility supports most commonly used operating systems including Windows 98/SE/ME/2000/XP/Vista/7
- Conform to industry-standard miniPCI Card Type III-B specification
- Chip Set: Atheros (AR5006X AR5414)
- Interface Type: MiniPCI Type III B
- Frequency Band - 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)
- Channels - IEEE 802.11a:
  - 4 Channels (Japan)
  - 19 Channels (Europe)
  - 13 Channels (USA)
- Emission Type: OFDM, DSSS
- Output power: 23 dBm
- Frequency Stability: Within + 20 ppm
- Data Modulation Type:
  - BPSK (6 / 9Mbps) / QPSK (12 / 18Mbps) / CCK (5.5 / 11 Mbps)
  - 16QAM (24 / 36Mbps) / 64QAM (48 / 54 Mbps)
- Power: 3.3 Volt + 5%
- Power Consumption:
  - TX: under 1000 mA
  - RX: under 450 mA
- Antenna connector: 1x Diversity MMCX connector
- Antenna port impedance: 50 Ohm
- Bus Interface: MiniPCI 1.0 compliant
- Security: Hardware 64/128-bit WEP/TKIP/AES-CCM/ 802.1x, WPA
- Operating Temperature: -20°C to +65°C
- Storage Temperature: -20°C ~ 75°C
- Humidity: 5 ~ 95% non-condensing
- Sensitivity: -76 dBm (at) 64Qam (typ.)
- Dimensions: 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

