



## 802.11b/g Wireless PCI Adapter EPI-3601S

The EPI-3601S is capable of delivering a maximum wireless signal rate of up to 108Mbps\* when used with other Atheros Wireless 108G devices. It is also backward compatible with virtually all 802.11b/g networks and devices. Higher output power allows this client device to receive and maintain strong signals from wireless routers and access points at further distances.

## Specifications

### General:

- High Speed Data Rates up to 108Mbps for heavy data payloads like video streaming.
- Fully interoperable with IEEE802.11b/g compliant devices
- 802.11i support for enhanced security.

### Radio:

- **Frequency Band:**  
802.11b/g: 2.4-2.484 GHz (USA)
- **Media Access Protocol:**  
Carrier Sense Multiple Access with Collision Avoidance (CSMA/CA)
- **Modulation Technology:**  
Orthogonal Frequency Division Multiplexing (OFDM)  
802.11g:  
OFDM (64-QAM, 16-QAM, QPSK, BPSK)  
802.11b:  
DSSS (DBPSK, DQPSK, CCK)
- **Operating Channels**  
802.11b/g: 11 (North America)
- **Receive Sensitivity (Typical)**  
2.412~2.472G(IEEE802.11g)  
6Mbps@ -90dBm;  
54Mbps@ -74dBm  
2.412~2.472G(IEEE802.11b)  
1Mbps@ -95dBm  
11Mbps@ -90dBm
- **Available Transmit Power (Typical)**  
2.412~2.472G(IEEE802.11g)  
26dBm @6 ~ 24Mbps  
24dBm@36Mbps  
23 dBm@48Mbps  
22dBm@54Mbps  
2.412~2.472G(IEEE802.11b)  
27 dBm@1, 2, 5.5 and 11Mbps

### Networking:

- **Topology**  
Ad-Hoc, Infrastructure
- **Security**  
IEEE802.1x  
64/128 bit WEP  
WPA-PSK/WPA2  
TKIP/AES

### Drivers:

- **Windows**  
2000, XP, Vista

### Physical:

- **Form Factor**  
32-bit PCI Interface  
10/100 Ethernet Interface
- **RF Connector:**  
RP-SMA

### Environment:

- **Temperature Range**  
Operating: 0°C to 40°C (32°F to 104°F)  
Storage: -40°C to 70°C (-40°F to 158°F)
- **Humidity (non-condensing)**  
5%-95% Typical



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