



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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