



# Teletronics TT24-400

## 802.11b/g 400mW high power mini-PCI

This is a high power 802.11g/b Mini PCI adaptor card that supports data rate up to 108 Mbps. This client device is built with power amplifier MMICs and state of the art components. It can be easily integrated into IT products with a Mini PCI interface and has excellent features that offer an ideal solution for OEM, SOHO, Enterprise and etc

### Features

- Atheros AR5414 chipset
- IEEE802.11g/b high power operation
- Advanced power management
- WEP 256 data encryption
- Support Atheros eXtended Range Technology
- Built-in heatsink for improved reliability

### Technical Information

Description	IEEE 802.11b/g WLAN mini-PCI card
HOST INTERFACE	32bit mini-PCI Type II
Chip Set	Atheros AR5006XS, AR5414(support 108M)
Operating Voltage	DC 3.3V +- 0.1%
Power Consumption	IEEE 802.11b: TX: 1300 mA, RX: 400 mA IEEE 802.11g: TX: 1300 mA, RX: 400 mA
Antenna	MMCX
Output Power	11b/g:RMS 25dBm 1300mA Maximum @ 1Mbps, RMS 21dBm 900mA Maximum @ 54Mbps
Sensitivity	IEEE 802.11g 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
Operating Frequency	IEEE 802.11b/g ISM Band USA (FCC): 2.412GHz ~ 2.462 GHz (CH1 ~ CH11) Europe (ETSI): 2.412 GHz ~ 2.472 GHz (CH1 ~ CH13) Japan (TELEC) : 2.412 GHz ~ 2.472 GHz (CH1 ~ CH13)
Supported OS	Identical to Atheros Latest Version
Security	Identical to Atheros Latest Version
Dimension	Standard mini-PCI card 4.9x5.9cm
Weight	< 50g
Operating Temperature	-40°C to 85°C



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