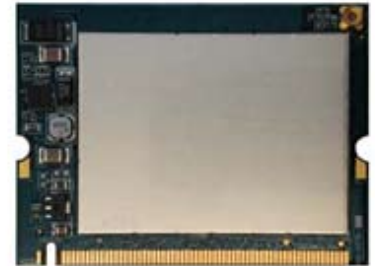# Teletronics TT24-600

802.11g 600mW high power mini-PCI

This is a high power 802.11g Mini PCI adaptor card that supports antenna diversity and 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 high power operation
- Advanced power management
- WEP 256 data encryption
- Support Atheros eXtended Range Technology
- Built-in heatsink for improved reliability

TT24-600

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/g TX: < 1300 mA, RX: < 300 mA
Antenna	MMCX
Output Power	11b/g:RMS 25dBm 1300mA Maximum @ 1Mbps,
	RMS 21dBm 900mA Maximum @ 54Mbps

Sensitivity	IEEE 802.11g	IEEE 802.11b
	Sensitivity @ Packet Error Rate: 10%	Sensitivity @ Packet Error Rate: 8%
	54 Mbps:~ -74dBm	11 Mbps:~ -92dBm
	48 Mbps:~ -77dBm	5.5 Mbps:~ -95dBm
	36 Mbps:~ -83dBm	2 Mbps:~ -96dBm
	24 Mbps:~ -86dBm	1 Mbps:~ -97dBm
	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