

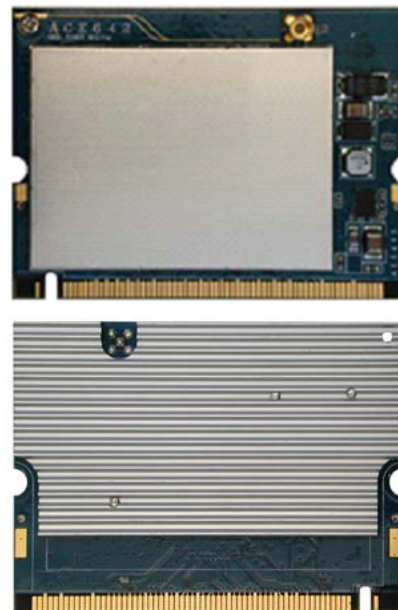
Teletronics TT58-600

802.11a 600mW high power mini-PCI

This is an 802.11a 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
- IEEE 802.11a high power operation
- Advanced power management
- WEP 256 data encryption
- Support Atheros eXtended Range Technology
- Built-in heatsink for improved reliability



TT58-400

Item #: 11-700

Technical Information

Description	IEEE 802.11a 5GHz 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 802.11a: TX: < 1400 mA RX: < 300 mA
Antenna	MMCX
Output Power	RMS 27-28dBm 1800mA Maximum @ 6Mbps RMS 20-21dBm 1400mA Maximum @ 54Mbps
Sensitivity	IEEE 802.11a 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 802.11a ISM Band USA (FCC): 5150 MHz - 5350 MHz / 5725 MHz - 5850 MHz Europe (ETSI): 5150 MHz - 5350 MHz / 5470 MHz - 5725 MHz Japan (TELEC): 5150 MHz - 5250 MHz
Dimension	Standard mini-PCI card 4.9x5.9cm
Weight	<50 g
Operating Temperature	-40°C to 85°C