

# MT 7601

## Overview

The MT7601 a single chip includes an 802.11n MAC and baseband, a 2.4 GHz radio and a 32 bit CPU core.

## Features

- Embedded MIPS CPU
- 1T1R 2.4 GHz with 150 Mbps PHY data rate
- 802.11b/g/n client
- 1x USB 2.0
- WEP64/128, TKIP, AES, WPA, WPA2, WAPI
- QoS: WMM, WMM-PS



## Hardware

Chipset Media Tek MT7601, 1T1R mode  
Host interface USB2.0/1.1, type A ( 4 pin header)  
LEDS Link/ Activity

## RF

Antenna Built-in PCB antenna.  
Frequency 2412~2483.5 MHz, ISM band.  
Transmit Power 802.11b:17+/-1.5dBm; 802.11g: 14.5+/-1.5dBm;  
802.11n: (HT20), 14.5+/-1.5dBm, 802.11n: (HT40), 14+/-1.5dBm,  
Receive Sensitivity 802.11b: -88 dBm@11Mbps; 802.11g: -72dBm@54Mbps  
802.11n: (HT20), -71dBm@MSC7, 802.11n: (HT40), -68dBm@MSC7,

## Software

Operation System Windows CE/2000/XP/Vista/7; Linux 2.6.X; Mac OS X  
Security  
WEP 64/128bit , WPA, WPA2, 802.1x, and 802.11i  
Cisco CCS V1.0, 2.0 and V3.0 Compliant

## Operation Conditions

Voltage/Current Range\* DC 5.0V  $\pm$  5% / <145 mA  
Operating Temperature 0°C - 50°C  
Storage Temperature -20°C - 70°C  
Operating Humidity RH 95% (Non-Condensing)  
Storage Humidity RH 95% (Non-Condensing)