

Sparklan WPER-172GN 802.11b/g/n USB Half Size miniPCI-Express Module (1Tx2R)



- Half size Mini Card with USB interface
- Ralink RT5390U chipset
- Max. 150Mbps data transfer
- 2 UFL antenna connectors, 1Tx2R
- Enhanced security: 64 //128-bits WEP, WPA, WPA2
- Windows XP/Vista, Win7, Linux driver (Android by request)

The **WPER-172GN** is a half minicard form factor module with USB Bus interface. It is designed for any wireless enabled device with min card slot that uses USB Bus interface.

Technical Specification

Chipset	Ralink RT5390U
Standards	IEEE 802.11b, 802.11g , 802.11n
Frequency Bands	ISM Bands : 2.400 - 2.484GHz
Host Interface	USB Interface, Half Mini Card form factor
Modulation	802.11b: DSSS (DBPSK, DQPSK, CCK) 802.11g: OFDM (BPSK, QPSK, 16-QAM, 64-QAM) 802.11n: OFDM (BPSK, QPSK, 16-QAM, 64-QAM)
Antenna	2 x UFL connectors (diversity antenna), 1Tx2R
Transmit Power (Tolerance +/- 2dBm)	IEEE 802.11b: 17dBm @ 11Mbps IEEE 802.11g: 15dBm @ 54Mbps IEEE 802.11n HT20: 14dBm @ MCS7 IEEE 802.11n HT40: 14dBm @ MCS7
Receive Sensitivity (Tolerance +/- 2dBm)	802.11b: -80dBm @ 11Mbps 802.11g: -70dBm @ 54Mbps 802.11n HT20: -64dBm @ MCS7 802.11n HT40: -64dBm @ MCS7
Power Consumption	TX: Max 385mA, RX: Max. 263mA, Idle: Typically 94mA
Security	Supports 64/128bit WEP, WPA, WPA2
Operating Voltage	3.3V+/-10%
Size	29.85 x 26.65 x 3.05 mm
Weight	3.8g
Temperature	Operating: 0C - 70C Storing: -40C – 65C

Humidity	5-90 % Non-condensing
Supplied Driver	Windows XP, Vista, Win7, Linux, Android by request
Warranty	1 year