

WMIR-168AG 802.11 a/b/g Mini PCI Module

Product Specification

Chipset	Ralink RT2561T
Interface Type	32bit mini PCI V1.0
Dimensions	59.6 x 44.6 x 1 mm
Weight	20g
Frequency Band	802.11a 5.15GHz to 5.85GHz (subject to local regulations) 802.11b ISM band 2.400 ~ 2.484GHz (subject to local regulations) 802.11g ISM band 2.400 ~ 2.484GHz (subject to local regulations)
Standards	IEEE 802.11a/b/g
Number of Channel	802.11a *subject to local regulations 802.11b USA and Canada – 11 Most European countries – 13 Japan – 14 France – 4 802.11g USA and Canada – 13 Most European countries – 13 Japan – 14
Spreading	802.11a Orthogonal Frequency Division Multiplexing (OFDM) 802.11b Direct Sequence Spread Spectrum (DSSS) 802.11g Orthogonal Frequency Division Multiplexing (OFDM)
Modulation	802.11b : DSSS (Direct Sequence Spread Spectrum) with BPSK (1Mbps), QPSK (2Mbps), and CCK (5.5 and 11Mbps) 802.11g : OFDM (BPSK, QPSK, 16-QAM, 64-QAM) 802.11a : OFDM (BPSK, QPSK, 16-QAM, 64-QAM)
Data Rate	802.11a 54, 48, 36,24,18,12, 9, 6 Mbps 802.11b 11,5.5, 2, 1 Mbps per channel 802.11g 54, 48, 36,24,18,12, 9, 6 Mbps
Antenna	Support antenna diversity
Transmitted power	802.11a please see the output power table for detail. tolerance: +/-1.5dBm 802.11b please see the output power table for detail. tolerance: +/-1.5dBm 802.11g please see the output power table for detail. tolerance: +/-1.5dBm

Receive Sensitivity	802.11a/g @PER <0.08 , 11Mbps < -84dBm(typical) @ PER <0.08 ,54Mbps < -70dBm(typical)
Power consumption	Maximum: Transmit : 350mA (max), Receive : 227mA (max) Idle: 128 mA
LED indicator	Activity
Warranty	1 year
Environmental	Temperature Range: 0 ~ 55°C (Operating); -20 ~ 80°C (Storing) Operating Humidity: Operating Humidity 10% to 85% Non-Condensing Storage Humidity 5% to 90% Non-Condensing
Supplied Driver	Windows 98SE/ME/2000/XP/CE, Linux, MAX OSX, Linux AP Driver Available
Operating Voltage	3.3V ± 5%,
Security	WEP 64/128, TKIP, WPA, WPA2, 802.11i QoS, 802.11e, WMM
Output Power	14~16dBm(CCK), 10~13dBm(OFDM)
System Requirements	Desktop PC containing → 32-bit PCI slot → 64MB memory or greater → 300MHz processor or greater Microsoft Windows 98 Second Edition/Millennium Edition/2000/ Windows XP
Certification	FCC, CE, RoSH-2002/95/EC
Environmental Operating Ranges	- Operating Temperature : 0 ~70° C , Humidity 10 ~ 90% - Storage Temperature : -20 ~90° C, Humidity 10 ~ 90%