

# SWMR215GN

## 802.11n draft

### Mini-PCI Module

#### Ralink RT2860+2820, 2T3R



### ■ SPECIFICATION

Chipset	
Mac/BB Processor	Ralink RT2860
RF Chip	Ralink RT2820
Host Interface	
32-bit mini-PCI, Type III B	
Radio	
Standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n Draft 2.0
Antenna	HIROSE, U.FL-R-SMA
Operating Frequency	ISM Band 2.412~2.484GHz
Modulation	IEEE 802.11g/n: OFDM IEEE 802.11b: CCK
Output Power	
802.11b	16 dBm ~18dbm
802.11g	14dBm ~16dbm
802.11n	11dBm ~13dbm

Receive Sensitivity	802.11g 54Mbps ≤ -65 dBm	
	802.11b 11Mbps ≤ -76 dBm	
	802.11n 2.4G & 5GHz HT20 ≤ -82 dBm HT40 ≤ -79 dBm	
Key Features		
Security	WEP 64/128, WPA, WPA2 CCX V1.0 V2.0 V3.0 Compliance	
Power consumption		
TX supply current : 603 mA		
RX supply current : 372 mA		
Power save current : 170 mA		
Operating Voltage		
DC 3.3V ± 5%		
Environmental		
	Temperature	Humidity
Operating	0 ~ 55°C	10% to 85% Non-Condensing
Storage	-20 ~ 85°C	5% to 90% Non-Condensing
Physical Specification		
Dimensions	59.94x44.64x mm	
Weight	12g	