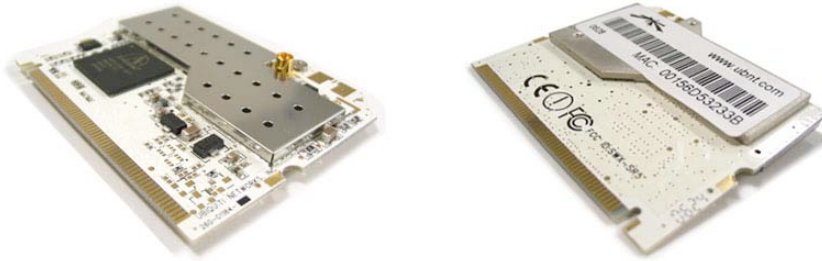




# SUPER RANGE 5

Powerful Range and Throughput Performance for 5GHz Networks



CARD INFORMATION							
Chipset	Atheros, 4th Generation, AR5213						
Radio Operation	IEEE 802.11a, 5GHz						
Interface	32-bit mini-PCI Type III						
Operation Voltage	3.3VDC						
Antenna Ports	(1) u.fl, (1) MMCX						
Temperature Range	-40C to +80C						
Security	WPA, WPA2, AES-CCM & TKIP Encryption, 802.1x, 64/128/152bit WEP						
Data Rates	6Mbps, 9Mbps, 12Mbps, 24Mbps, 36Mbps, 48Mbps, 54Mbps						
TX Channel Width Support	5MHz / 10MHz / 20MHz / 40MHz						
RoHS Compliance	YES						
REGULATORY INFORMATION							
Wireless Modular Approvals	FCC Part 15.247, CE						
RADIO OPERATING FREQUENCY 5.20-5.825GHz							
TX SPECIFICATIONS				RX SPECIFICATIONS			
802.11a OFDM	DataRate	Avg.Power	Tolerance	802.11a OFDM	DataRate	Sensitivity	Tolerance
	6Mbps	26 dBm	+/-1.5dB		6Mbps	-94 dBm	+/-1.5dB
	9Mbps	26 dBm	+/-1.5dB		9Mbps	-93 dBm	+/-1.5dB
	12Mbps	26 dBm	+/-1.5dB		12Mbps	-91 dBm	+/-1.5dB
	18Mbps	26 dBm	+/-1.5dB		18Mbps	-90 dBm	+/-1.5dB
	24Mbps	26 dBm	+/-1.5dB		24Mbps	-86 dBm	+/-1.5dB
	36Mbps	24 dBm	+/-1.5dB		36Mbps	-83 dBm	+/-1.5dB
	48Mbps	22 dBm	+/-1.5dB		48Mbps	-77 dBm	+/-1.5dB
54Mbps	21 dBm	+/-1.5dB	54Mbps	-74 dBm	+/-1.5dB		
ADJUSTABLE CHANNEL SIZE SUPPORT (Increase Channel Capacity or Increase Throughput)							
5MHz		10MHz		20MHz		40MHz (Turbo)	
CURRENT CONSUMPTION INFORMATION							
TX CURRENT CONSUMPTION				RX CURRENT CONSUMPTION			
802.11a OFDM	DataRate	Current	Tolerance	802.11a OFDM	DataRate	Current	Tolerance
	6Mbps	1.30 A	+/-100 mA		6Mbps	350 mA	+/-100 mA
	9Mbps	1.30 A	+/-100 mA		9Mbps	350 mA	+/-100 mA
	12Mbps	1.30 A	+/-100 mA		12Mbps	350 mA	+/-100 mA
	18Mbps	1.30 A	+/-100 mA		18Mbps	350 mA	+/-100 mA
	24Mbps	1.30 A	+/-100 mA		24Mbps	350 mA	+/-100 mA
	36Mbps	1.00 A	+/-100 mA		36Mbps	350 mA	+/-100 mA
	48Mbps	0.90 A	+/-100 mA		48Mbps	350 mA	+/-100 mA
54Mbps	0.80 A	+/-100 mA	54Mbps	350 mA	+/-100 mA		
RANGE PERFORMANCE							
Indoor (Antenna Dependent):				Up to 150meters			
Outdoor (Antenna Dependent):				Over 50km			
DRIVER INFORMATION							
Operating System Support				Linux MADWIFI, WindowsXP, Windows2000			
Advanced Mobility / QuickHandoff				WindowsXP/2000 Utility with Enhanced Mobility Driver from Ubiquiti			
Cisco Support				CCX 4.0 Supported Driver/Utility also available from Ubiquiti			
For help with MADWIFI or other Special Driver Support, Please e-mail support@ubnt.com							



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