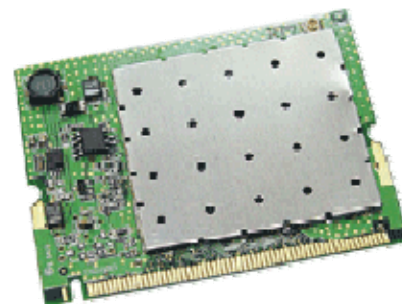


WMIA-165GH 802.11b/g high power Mini-PCI Module Atheros AR2413 200mW in 802.11g



■ SPECIFICATION

Chipset												
Mac/BB Processor	Atheros AR2413A											
Host Interface												
PCI interface v2.3 (Type III-B Mini PCI from factor)												
Radio												
Antenna	U.FL Connectors											
Operating Frequency	802.11b/g ISM Band 2.412 ~ 2.484GHz											
Modulation(OFDM and DSSS)	802.11g: 48/54Mbps(QAM64),24/36Mbps, 12/18Mbps (QPSK),6/9Mbps (BPSK)											
	802.11b: 5.5/11Mbps,(CCK),2Mbps(DQPSK), 1Mbps(DBPSK)											
Output Power	802.11b		11/5.5/2/1 Mbps: 26 dBm									
	802.11g											
	54 Mbps		23 dBm									
	48 Mbps		24 dBm									
	36 Mbps		25 dBm									
<24 Mbps		26 dBm										
Number of Channel	USA		European				Japan					
	802.11b		11		13				14			
	802.11g		13		13				14			
Receive Sensitivity	802.11b		11Mbps		5.5 Mbps		2Mbps		1Mbps			
			-88dBm		-90 dBm		-92dBm		-94dBm			
	802.11g		54Mbps	48Mbps	36Mbps	24Mbps	18Mbps	12Mbps	9Mbps	6Mbps		
		-72 dBm	-74 dBm	-76dBm	-78 dBm	-80 dBm	-82 dBm	-84 dBm	-86 dBm			
Power consumption												
802.11b	TX: ≤ 650mA				RX: ≤ 230mA							
Operating Voltage												
DC 3.3V ± 5%												
Environmental												
		Temperature				Humidity						
Operating		0 ~ 50°C				10% to 90% Non-Condensing						
Storage		-72 ~ 85°C				5% to 95% Non-Condensing						
Physical Specification												
Dimensions	59.6mm(L)x44.6mm(W)x4 mm(H)											
Weight	≤ 20g											

■ Specifications are preliminary and subject to change without notice

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