

Chapter 4. Specification

4-1. System	
Host Interface	MiniPCI Type III B
Operating Voltages	3.3V
Typical Power (Base mode)	Doze: 70mA; Receive: 350 mA; Transmit: 550 mA
4-2. RF Characteristics	
802.11g (Backward Compatible to 802.11b)	
Frequency Bands	2412-2484 MHz (subject to local regulations)
Modulation Technology	OFDM and DSSS
Modulation Techniques	64QAM, 16QAM, QPSK, BPSK, CCK, DQPSK, DBPSK
Date Rates	Base mode: 54, 48, 36, 18,12, 9, 11, 6, 5.5, 2, and 1 Mbps, auto fallback Turbo mode: 108, 96, 72, 48, 36, 24, 18 and 12 Mbps auto fallback
Peak Output Power	19dBm @ Nominal Temp Range at antenna connector
Receive sensitivity	Minimum -73dBm @54Mbps; typical -76dBm@ Nominal Temp Range
Antenna connectors	Two antenna connectors for supporting antenna diversity
4-3.Safety Regulation and Operating Environment	
EMC certification	FCC Part 15 (USA)
Temperature Range	Operating: 0 ~ 55 deg C, Storing: -20 ~ 65 deg C
Humidity	10% ~ 90% Non-condensing
4-4. Software Support	
Driver	Windows 98SE/Me/2000/XP
Security	WPA; AES; 802.1X client for Windows XP; 64/128/152 bit WEP
Roaming	Seamless roaming among 802.11b/g access points.
Management Utility	Monitors the network situation.
4-5. Mechanical	
Dimensions	59mm*44mm*4mm
Weight	13± 1 g
Packaging	Packaging specially used by Gigabyte.

Subject to Change without Notices