

Chapter 5 Specification

1. System		
Host Interface	CARDBUS (32-bit) card Type II	
Operating Voltage	3.3VDC $\pm$ 5%	
2. RF Performance		
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	54, 48, 36, 18,12, 9, 11, 6, 5.5, 2, and 1 Mbps, auto fallback	
Typical Power Consumption	Receive: 240 mA Transmit: 400 mA	
Peak Output Power	20 dBm @ Nominal Temp Range	
Receive sensitivity	-68dBm @54Mbps; -85dBm@11Mbps	
Antenna	Two Printed antennas for supporting antenna diversity	
3.Safety Regulation and Operating Environment		
EMC certification	FCC Part 15 (USA)	DGT (Taiwan)
	CE (Europe)	
Temperature Range	Operating: 0 ~ 55 deg C, Storing: -20 ~ 65 deg C	
Humidity	Max. 90% Non-condensing	
4. Software Support		
Driver	Windows 98SE/Me/2000/XP	
Security	WPA-PSK(TKIP,AES); 802.1X client for Windows XP ,64/128 bit WEP	
Roaming	Seamless roaming among 802.11b/g access points.	
Management Utility	Monitors the network situation.	
5. Mechanical		
Dimensions	120 x 54 x 6 mm	
Weight	40 $\pm$ 1 g	
Packaging	Packaging specially used by Gigabyte.	
LED indicators	Link, Power	
Subject to Change without Notices		