

## Chapter 5 Specification

<b>1. System</b>		
Host Interface	PCI	
Operating Voltage	5VDC $\pm$ 5%	
<b>2. RF Performance</b>		
<b>802.11g(BACKWARD COMPATIBLE TO 802.11b)</b>		
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	-70dBm @54Mbps; -87dBm@11Mbps	
Antenna	External antenna with the gain of 2dBi	
<b>3. Safety Regulation and Operating Environment</b>		
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	
<b>4. Software Support</b>		
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.	
<b>5. Mechanical</b>		
Dimensions	134mm*121mm*22mm (134mm*81mm*22mm)	
Weight	55.5(51.5) $\pm$ 1 g	
Packaging	Packaging specially used by Gigabyte.	
LED indicators	Act and Link	

\*This specification is subject to change without notice.