WPS
Advanced
Encryption

WPA2 · WPS Advanced Encryption

WMM Entertainment Priority

SAPIDO

● Connect Your Notebook to Wireless Network

- Connect to your wireless network from your notebook using the Sapido Wireless G Cardbus with WPA2 &WMM and browse the web, check e-mail, and chat with friends and family online. It also offers simple network connectivity without the hassle of running a network cable.
 The included Setup Wizard walks you through configuring the Adapter to your wireless network settings, step by step.

● Compatibility Assurance and Higher Speed

- With supporting 802.11gand 802.11b, Sapido Wireless G Cardbus with WPA2 &WMM can ensure compatibility with a wide range of wireless routers and networks. Sapido Wireless G Cardbus is compatible with the Wireless B (802.11b) network standard, with data rates up to 11Mbps. Sapido Wireless G Cardbus is also the 54Mbps wireless networking standard that's almost five times faster than the widely deployed Wireless B (802.11b) products found in homes, businesses, and public wireless hotspots around the country.

● Advanced Wireless Security – WPA2& WPS

- To protect your data and privacy, Sapido Wireless G Cardbus supports WEP, WPA and WPA2, and even more WPS encryption. For the higher secure demand, WPA2 and WPS will be considered to use and Sapido Wireless G Cardbus is able to work with this kind of wireless network.

● WiFi Multimedia never Delays Your Joyful Time

- WMM technologymaintains the priority of audio, video and voice applications in a Wi-Fi network so that other applications and traffic are less likely to slow them. In this way, in a phone conversation, you are less likely to hear delays.
 Watching video, you are more likely to see smooth action.
 This delays other network traffic of a less critical nature — such as downloading large files — where a small delay is acceptable.

Key Feature

- Instant Wireless Connection

Sapido Wireless G Cardbus with WPA2 &WMM lets you put your computer almost anywhere in the building, without the cost and hassle of running cables. Now you don't have to drill holes in your walls and climb through the attic or cellar to get connected to the network. Once you're connected, you can keep in touch with your e-mail, access the Internet, use instant messaging to chat with friends, and share files and other resources such as printers and hard disk storage space with other computers on the network. You'll also be able to connect with any of the growing number of public hotspots springing up in coffee shops, airport lounges, hotels and convention centers.

- Newest Powerful Security Standard with Easy Setup - WPS

Wi-Fi Protected Setup (WPS) is a standard for easy and secure establishment of a wireless home network. The goal of the WPS protocol is to simplify the process of connecting any home device to the wireless network. Sapido Wireless G Cardbus supports PIN (Personal Information Number) encryption method to connect Wireless AP devices with WPS inside.

- Industrial-strength Security of Wireless Protected Access (WPA2) Encryption

Implementing either WEP or WPA security involves the the creation of a passphrase or passkey ,your router's documentation may refer to it as either. WEP uses hexadecimal characters (0-9, A-E), and most routers will either let you work out a character set yourself, or generate one based on a passphrase of your choosing. For most home/small office applications, WPA/WPA2 should be plenty of security -- it'll solidly stop people either deliberately or inadvertently pinching your broadband connection, and should keep your data relatively safe.

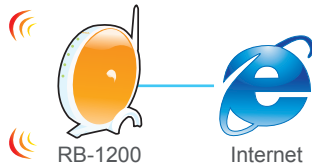### - Compatible with Existing 11Mbps or even a Higher Speed of 54Mbps Wireless Network

Sapido Wireless G Cardbus with WPA2 &WMM delivers data rates up to 54Mbps (5 times as fast as 802.11b)and is also compatible with the Wireless B (802.11b) network standard, with data rates up to 11Mbps.

Notebook   AC-4100

Notebook   AC-4100   RB-1200   Internet

STANDARDS
▸▸ IEEE 802.11b, 802.11g

INTERFACE
▸▸ 32-bit CardBus type II

DATA RATES
▸▸ 802.11b: 11, 5.5, 2, 1 Mbps with AutomaticFallback
▸▸ 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

SECURITY ALGORITHMS
▸▸ WEP: 64/128 bits
▸▸ WPA: TKIP, 802.1X (PEAP, TLS/Smartcard,TTLS, LEAP, MD5), PSK, AES
▸▸ WPS: PIN, PBC encryption method

ANTENNA
▸▸ Printed Antenna

SYSTEM REQUIREMENTS
▸▸ Windows 98SE, ME, 2000 or XP Operating System
▸▸ Pentium II 450MHz or Faster Processor
▸▸ 64 Mbytes RAM
▸▸ 50 Mbytes Available Hard Disk Space
▸▸ CD-ROM Drive
▸▸ Available CardBus Port

MODULATION TECHNIQUES
▸▸ DSSS (Direct Spread Sequence Spectrum)/CCK
▸▸ OFDM (Orthogonal Frequency Division Multiplexing)

TRANSMIT POWER
▸▸ 802.11b
▸▸ 802.11 g
▸▸ 18 dBm @11 Mbps
▸▸ 15 dBm @ 54 Mbps

Mechanicl
▸▸ Dimension : 117 x 54 x 5 mm (4.6 x 2.1 x 0.2 inch)
▸▸ Weight : 38 gm (1.4 oz)
▸▸ LED Indicators: Green (Ready); Green (Link/Act)

RECEIVE SENSITIVITY
▸▸ 802.11b
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TEMPERATURE / HUMIDITY
▸▸ Operating: 0~40 °C (32 to 104 °F) / Humidity:10~85% (non-condensing)
▸▸ Storage: -20~65°C (-4 to 149 °F) / Humidity:5~95% (non-condensing)

OPERATING VOLTAGE
▸▸ 3.3V

FREQUENCY RANGE / OPERATING CHANNELS
▸▸ 2.412 ~ 2.484GHz

Approval
▸▸ FCC EMC: Part 15 Sub B 15.107 / 15.109 (DOC)
▸▸ FCC RF: Part 15 Sub C 15.247/15.209/15.247 (ID)
▸▸ FCC SAR
▸▸ CE EMC: EN 301489-1/17
▸▸ CE RF: EN 300328
▸▸ CE LVD: EN 60950
▸▸ CE R&TTE Class 2
▸▸ RoHs Compliance

POWER CONSUMPTION
▸▸ 2.5w

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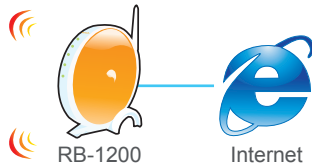### - Compatible with Existing 11Mbps or even a Higher Speed of 54Mbps Wireless Network

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