

# All Broadbands

Two 5dBi High Gain Antennas Multiple Wireless Range  
Advanced Green Design Up to 80% PowerSaving  
Support GSM/3G/4G, xDSL/Cable/Fiber, Public WiFi



300  
Mbps

3500  
SqFt<sup>↑</sup>

(The wireless performance might be different in different environment.)

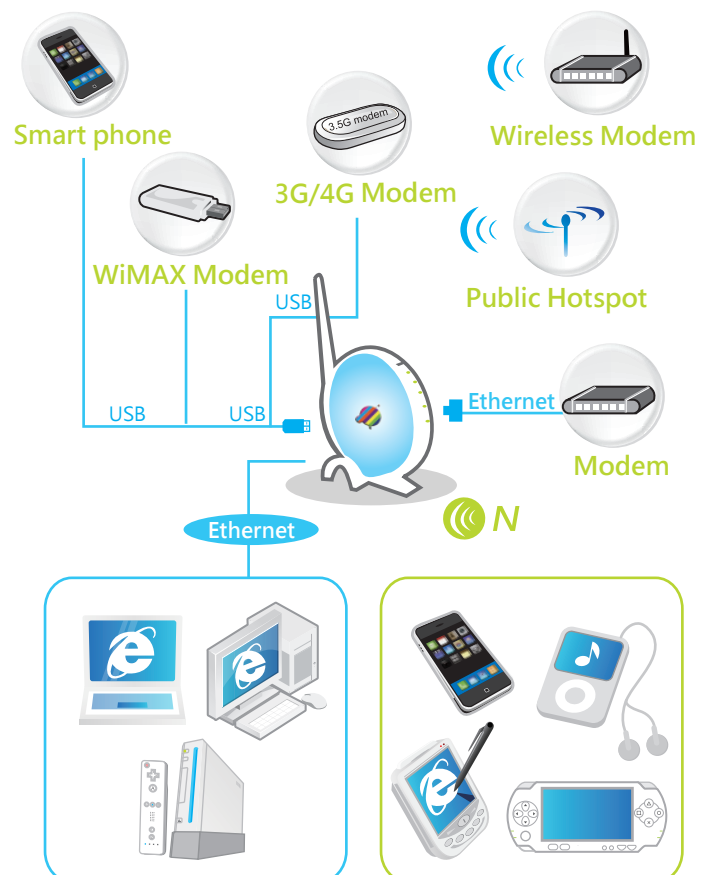
## Whatever Broadband Service You Use, This Router will Do!

This brand new SAPIDO All Broadbands serves all broadband connections for Internet sharing such as xDSL, Cable, Fiber, 3G modem, and Public WiFi. You can even connect it to iPhone and most Smartphones for mobile Internet sharing. Carried the latest 2T2R MIMO technology and built with two 5dBi high gain antennas as well as high performance chipset, SAPIDO router provides an ultimate wireless speed performance of 300 Mbps and gives a best solution for the use in big houses.

SAPIDO router complies with the latest 802.3az Energy Efficient Ethernet standard and carrying Green AP technology can save up to 80% electricity. In addition, number of sessions up to 20,000 effectively boosts the speed of P2P (point to point). Smart QoS allows you to assign different priority to different applications or data flows for the smoothness on streaming multimedia applications such as online games, IP TV, etc. Powerful firewall feature would safeguard your network by preventing the attack from hacker or DOS, and blocking inappropriate sites.

## ► Share All Broadband Connections - GSM/3G/4G • xDSL/Fiber • Public WiFi

Supporting mobile broadband via not only 3G modem, but also various smartphones, SAPIDO router allows Internet access sharing whatever broadband service you use, ie. 3G/4G, WiMAX, xDSL/Cable/Fiber, Public WiFi.

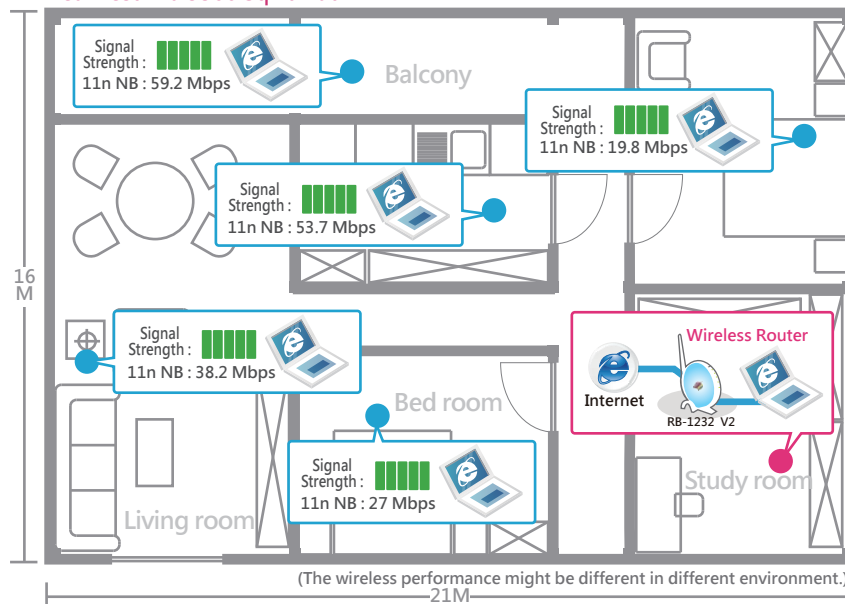


- ★ All Broadbands can Work - 3G-xDSL/Cable-Public WiFi
- ★ Connect to Smartphone such as iPhone, HTC, etc. for Internet Sharing
- ★ Two 5dBi High Gain Antennas Expand the Wireless Coverage up to 3500 Sq Ft
- ★ 2T2R MIMO Technology - Wireless Max. Speed of 300Mbps
- ★ 20,000 Sessions for Efficient P2P Downloading
- ★ Built-in VPN Server - Connecting two Remote Sites Across the Internet Easily and Securely
- ★ Green Design - 802.3az Standard plus Green AP Technology, Save up to 80% Power Consumption
- ★ Smart QoS Bandwidth Management, No Lag for Games, Movies and Music
- ★ Powerful Firewall - SPI Mode against DOS Attack and built-in Port/IP/MAC/URL Filters to Safeguard your Network
- ★ WPS - Complete Wireless Encryption and Connection in One Press

### ► Wireless Coverage Applicable for Over 3500 Sq Ft Flats

All Broadbands combines with two 5dBi high gain antennas enhances transmission range and expands wireless coverage. Wireless coverage can be up to 3500 Sq Ft flats.

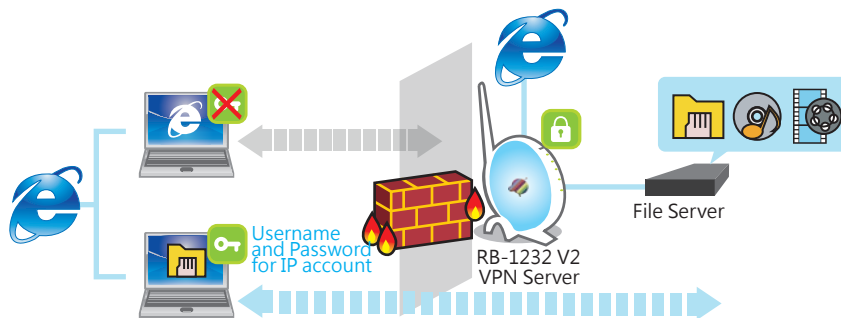
#### Real Test in a 3500 Sq Ft Flat



[ Testing Devices ] **Wireless Router : RB-1232V2**  
**Wireless Adapter: ASUS U45J NB with 11n adapter built-in.**  
 [ Testing Method ] Install FTP Server on PC · Download 300MB .zip file from PC to NB.  
 [ Testing Time ] Mar, 2011

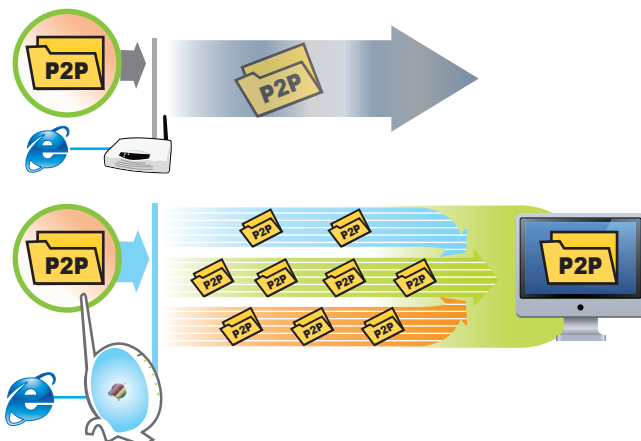
### ► Built-in VPN Server - Connecting two Remote Sites across the Internet Easily and Securely

VPN is the short of 「Virtual Private Network」. Simply, it is the business network which is built-in public network structure, and has the same condition such as security, management, efficiency, etc. with private network. VPN is the substitute program for business private network with phone cable. It doesn't change the feature such as multiple support, high reliability and high expansion, but use the low-cost efficient method to instead the original one. Compared to the traditional phone cable network, VPN has low-cost, greater flexibility of network structure, and convenient management. SAPIDO Router is a built-in VPN server which supports PPTP and L2TP tunneling technology. After the connection is completed through the VPN server, the user can connect to the remote host for sending the message or loading the information from internal network. It is suitable for remote and international workers. With VPN server, you can ensure the security of information and build up a global network connection with the least cost.



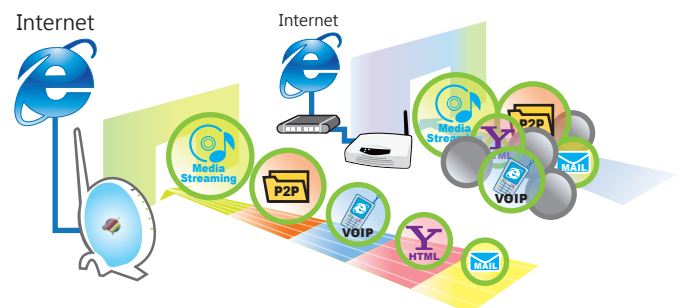
### ► 20,000 Sessions for Efficient P2P Downloading

20,000 sessions for efficient P2P downloading, online games and other Internet usages.



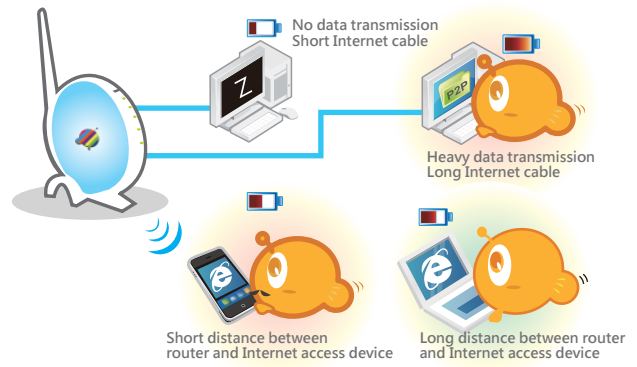
### ► Smart QoS Bandwidth Management, No Lag for Games, Movies and Music

Determine the order of data delivering, and ensure the smoothness of online traffic, such as IP TV, VoIP, Internet gaming, online chatting... ect. to ensure the applications run smoothly.



► **Green Design - 802.3az Standard plus Green AP Technology, Save up to 80% Power Consumption**

Complying with the latest 802.3az Energy Efficient Ethernet standard and carrying Green AP technology, this SAPIDO router adjusts power consumption via auto detection of Internet connection and packet transmission to avoid any waste of electricity, thus it utilizes energy more effectively.



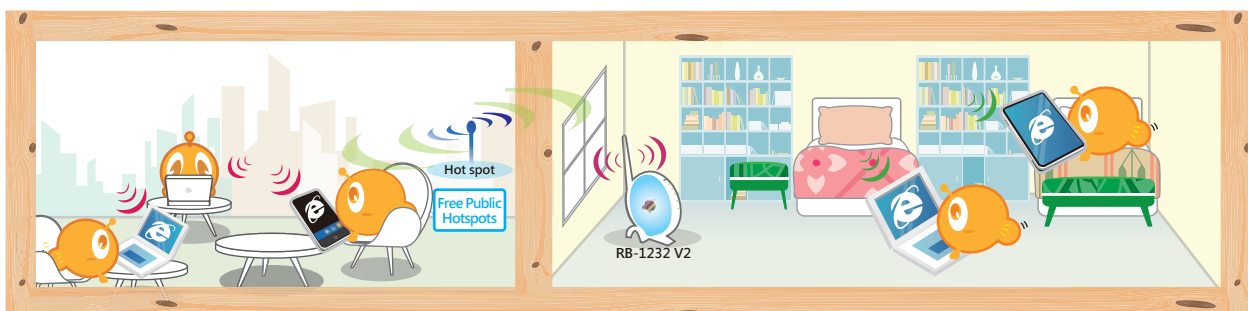
► **Cases of Using All Broadbands**  
**Big Family (Router Mode- ADSL/Cable/Fiber)**

Just connecting the newest RB-1232 V2 which carries two high gain 5dBi antennas to the broadband modem, then you can create whole wireless environment in a large apartment. You may access the Internet wirelessly with iPad, Viewpad, NB, or PSP at any corner of the house without worrying about weak wireless signals, neither moves your devices to search the signal anymore.



**House or Dormitory (Router Mode-Public WiFi)**

If you live in a campus, you can put RB-1232 V2 by the window to re-boost wireless Internet from outdoor to indoor and share wireless Internet in your room. In this way, your family or your roommates can surf the Internet at the same time, and that will help you save lots of money.



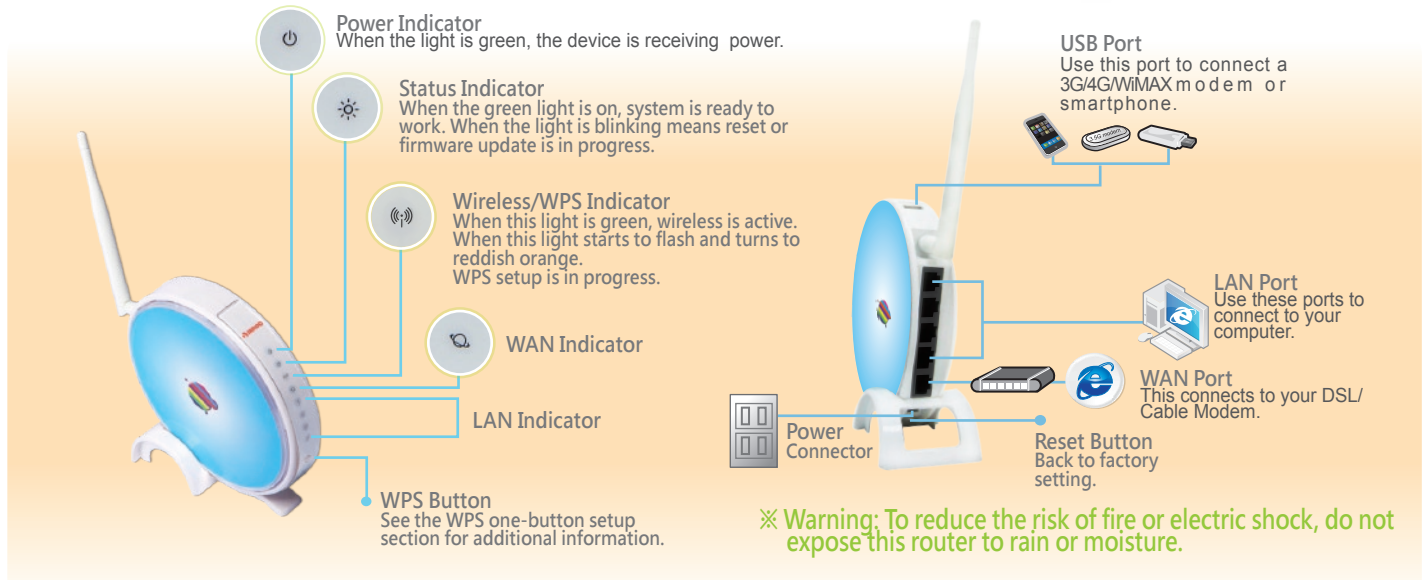
## ► Optional Accessories : SAPIDO Wireless N USB Adapter (AU-4512s)

Create the fastest 300Mbps combinations by connecting SAPIDO All Broadbands to Wireless N USB Adapter. Enjoy high-speed Internet without entangled with Ethernet line.



AU-4512s

## ► Diagram of Functions



### ■ Hardware

WAN Port :  
10/100 Mbps RJ45 \*1  
USB 2.0\*1(for 3G/4G modem and smartphone)

LAN Port :  
10/100 Mbps RJ-45\*4

Standard :  
IEEE 802.11b/g/n

Data Rate :  
802.11n (up to 300Mbps)  
802.11g (up to 54Mbps)  
802.11b (up to 11Mbps)

Mode Switch : Router / AP / WiFi AP

LED Indicator :  
POWER, STATUS, WIRELESS, WAN, LAN(I, II, III, IIII)

Button : WPS

Antenna : 5dBi\*2

### ■ Firewall

URL / Port / IP / MAC Filtering, SPI against DOS attack

### ■ System Management

Web-base Interface  
Firmware upgrade via web  
Profile save  
Event log  
English Set-up Interface

### ■ Power Saving

Ethernet : IEEE 802.3az Standard  
WiFi : Green AP Technology

### ■ Package Contents

RB-1232V2 router / Quick Installation Guide / Power Adapter / Base Holder / Antenna

### ■ Network Feature

WAN Connection :

- Wired/Wireless modem (Static IP, DHCP, PPTP, PPPoE, L2TP)
- 3G/4G : UMTS/HSDPA/HSUPA  
CDMA2000  
TD-SCDMA
- Smartphone OS : iPhone  
Google Android  
Windows Mobile  
Blackberry  
Symbian  
Bada

▪ WiMAX ready

Routing : DHCP server, client, DNS server

VPN Pass Through : IP Sec, PPTP, L2TP

VPN Server :

- PPTP Protocol (MPPE 128-bit encryption)
- L2TP Protocol
- username, password confirmation (PAP, CHAP, MS-CHAP v2 protocol supported)

▪ support Winows XP/Vista/7, MAC, Linux

QoS Bandwidth Management : IP · MAC · Port

NAT : Virtual server, DMZ

UPnP : UPnP NAT Traversal

Session : 20000

### ■ Wireless Application

Wireless Security  
WEP 64 or 128 bit/WPA/WPA2/WPA2 Mixed  
WPS (Wi-Fi Protected setup) : PBC/PIN  
WDS  
Multiple AP

### ■ Environment

Weight : 396g  
Dimension : 150(L) x 152(W) x 35(H) mm  
Operating Environment : Temperature 0~40°C (32 to 104°F); Humidity 10~85%  
Storage Environment : Temperature -20~70°C (-4 to 158°F); Humidity 5~90%  
Power : AC 100V~240V in, DC out 5V1A  
Support OS : Windows, MAC OS X 10.4 and following version, Linux 2.6.x and following version



※ Please visit SAPIDO website and update the firmware to achieve optimal performance.  
Press the Reset button to complete the firmware upgrade.



SAPIDO dedicates efforts in the development of products with multi-applications, down to the thoughts and respects as a person.

SAPIDO products are well known for not only its sleek design but also practical multiple features with simplest setup requirement. Cold technology dissolves in the passionate Sado created by SAPIDO. It encourages more users to try out unknown networking and digital products, which brings them a high-tech life with great enjoyment and convenience.

SAPIDO MAKES LIFE FUN!

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※Specifications are subject to change without notice. 「SAPIDO」 reserves the right to change specifications without prior notice. Update : 2011.07.29