X3 High - Speed ADSL2/2+ Wireless Router

24Mbps High-Speed Internet
Modem, Wireless Access Point, Ethernet Router 3 in 1
Comply with the latest 802.11n WiFi Standard
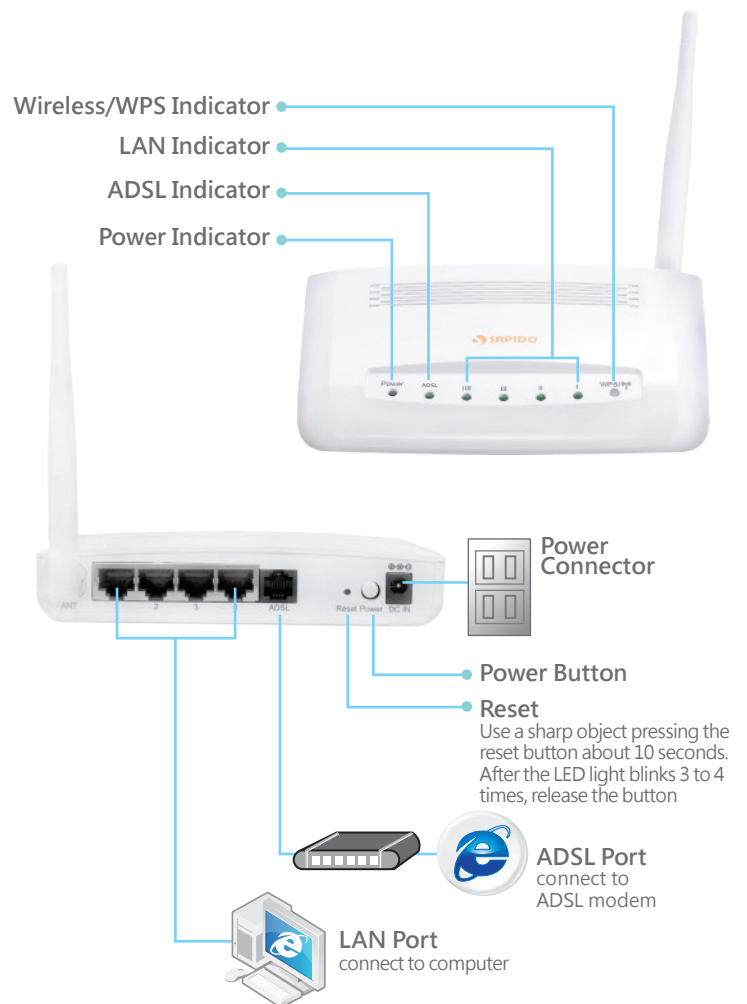
150 Mbps

SAPIDO ADSL2/2+ Wireless Router with four 10/100Mbps Ethernet ports is an ideal solution for office, home, or SOHO users to share high-speed wired and wireless network. ADSL2/2+ is 3 times faster than ADSL with Internet downstream rate up to 24 Mbps, and also complies with the latest 802.11n WiFi standard with speed up to 150Mbps.

In addition, the smart QoS provides stable data transmission.You may assign different priority to different applications or data flows for the smoothness on streaming multimedia applications such as online games, Voice over IP, and IP TV.The powerful firewall feature would safeguard your network and blocking inappropriate sites.VPN pass-through is also built-in for security access.

★ 3 times Higher Speed ADSL2/ADSL2+ Modem, Max. Speed 24Mbps

★ Modem, Wireless Access Point, 4-Port Ethernet Router 3 in 1

★ Complies to 802.11b/g/n Wireless Standard, 150Mbps Wifi Speed

★ Smart QoS Bandwidth Manager, No Lag for Games, Movies and Music

★ Powerful Firewall - Built-in Port/IP/MAC Filtering, URL/Domain Blocking to Safeguard your Network

★ WPS - Complete Wireless Connection and Encryption in one Press

★ Advanced Encryption to Ensure Wireless Security

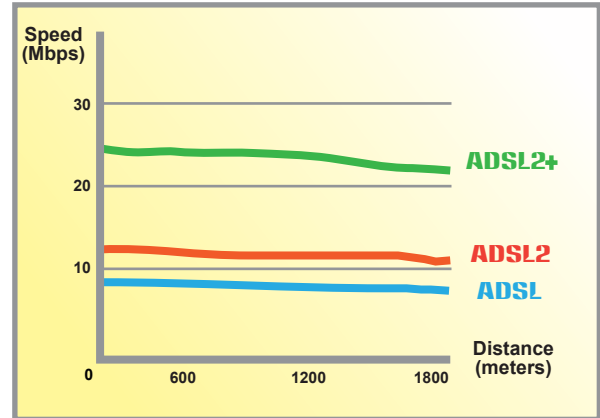★ Setup Helper - Quickly and Easily Guides you through the Step-By-Step

▶ Diagram of Functions

- Wireless/WPS Indicator
- LAN Indicator
- ADSL Indicator
- Power Indicator

Power Connector

Power Button

Reset
Use a sharp object pressing the reset button about 10 seconds. After the LED light blinks 3 to 4 times, release the button

ADSL Port
connect to ADSL modem

LAN Port
connect to computer

※ Warning: To reduce the risk of fire or electric shock, do not expose this router to rain or moisture.
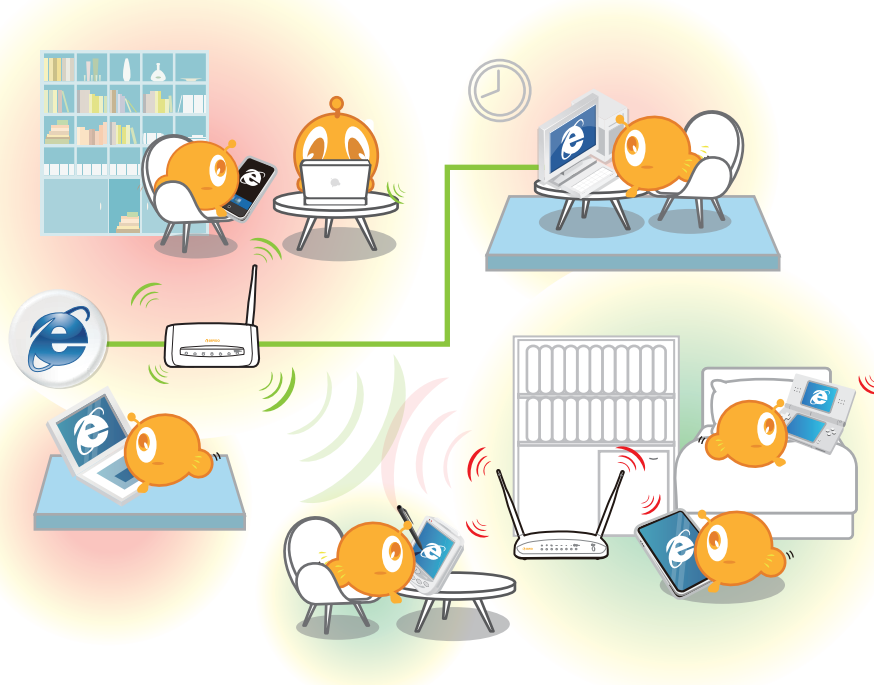
SAPIDO

▶ 3 times Higher Speed ADSL2/2$^+$ Modem, Max. Speed 24Mbps

ADSL provides speeds of up to 8Mbps downstream, and the distance can be 6,000 to 7,000 meters. There is a DSL technology called VDSL. The max. downstream rate can be up to 52Mbps, but it is just suitable for use in 1,000 meters. Although the high-speed rate is really attractive, receiving distance is too short so that VDSL is not popularized. After the research discussion, negotiation and compromise, the newest standard ADSL2$^+$ is released and promoted actively. ADSL2$^+$ provides up to 24 Mbps downstream and 1 Mbps upstream, 3 times higher than ADSL. ADSL2$^+$ is not competitive with VDSL; it is an additional statement for ADSL and VDSL. Actually, there is a standard between with ADSL and ADSL2$^+$ called ADSL2. ADSL2 standard enhances lots of features such as stability, longer distance, stronger power control in base on ADSL standard.

Speed (Mbps)

30

20

10

ADSL2+

ADSL2

ADSL

Distance (meters)
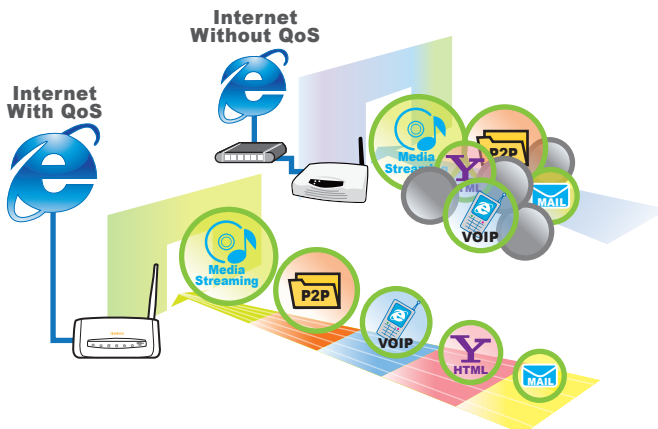
0   600   1200   1800

▶ Modem, Wireless Access Point, 4-Port Ethernet Router 3 in 1

SAPIDO ADSL2/2$^+$ Modem which complies with the latest 802.11n high speed wireless standard combines the function of a high-speed modem, wireless N access point, and 4-port router. Easily create a secure wireless network and share a high-speed Internet connection wired or wirelessly.
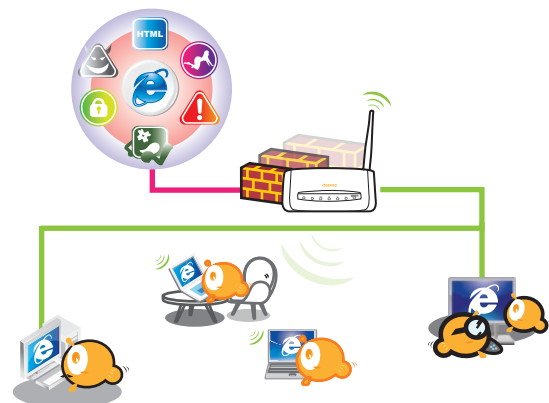
▶ Smart QoS Bandwidth Manager, No Lag for Games, Movies and Music

Determine the order of data delivering, and ensure the smoothness of online traffic, such as IP TV, VoIP, Internet gaming, online chatting, etc. to ensure the applications run smoothly.
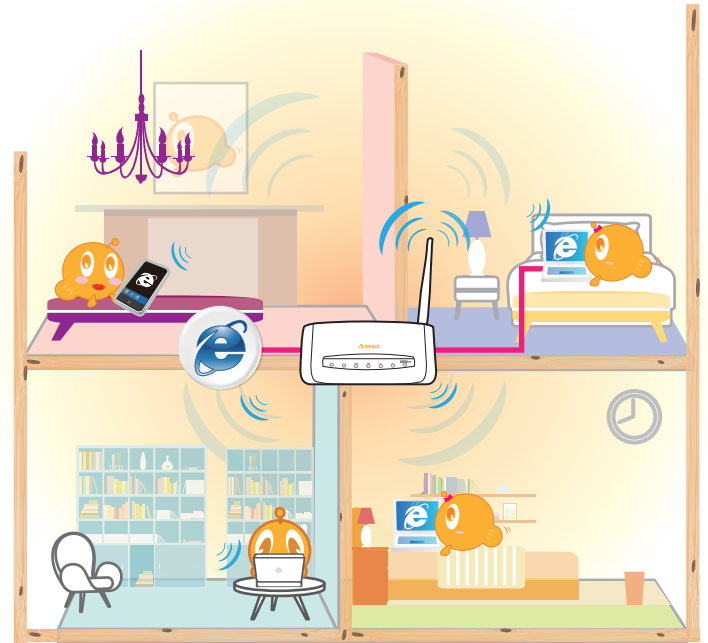
Internet Without QoS

Internet With QoS

Media Streaming | P2P | VOIP | HTML | MAIL

▶ Powerful Firewall - Built-in Port/IP/MAC Filtering, URL /Domain Blocking to Safeguard your Network

Built-in MAC/IP/Port filter, URL/Domain Blocking to manage Internet Access and blocks inappropriate Internet content.

SAPIDO

▶ Case of Using x3 High-Speed ADSL2/2⁺ Wireless Router Home (Router Mode - ADSL)

Nuclear family has become a trend now. Because of the small population, you don't need to buy another router for sharing Internet to multiple devices. SAPIDO ADSL2/2⁺ modem combines with modem, wireless station, and router, so that you can reduce the trouble of dialing number for Internet every time. With RM-1802, you can share the Internet easily at the same time wired or wirelessly.

Hardware

WAN Port :
  RJ-11 *1
LAN Port :
  RJ-45 10/100 Mbps *4
Data Rate :
  Downstream : Up to 24Mbps
  Upstream : Up to 1Mbps
ADSL Standards :
  ANSI T1.413 Issue 2
  ITU-T G.992.1 (G.dmt) Annex A
  ITU-T G.992.2 (G.lite) Annex A
  ITU-T G.992.3 ADSL2 (G.dmt.bis) Annexes A/I/J/L/M
  ITU-T G.992.4 ADSL2 (G.lite.bis)
  ITU-T G.992.5 ADSL2⁺
ATM/PPP Protocols :
  ATM SAR with up to 16 distinct VCs
  ATM Adaptation Layer Type 5 (AAL5)
  PPP over ATM (PPPoA)
  PPP over Ethernet (PPPoE)
  F4/F5 OAM
  ATM QoS : UBR, CBR, VBR-rt, VBR-nrt
Wireless Standards :
  IEEE 802.11b/g/n
Wireless Data Rate :
  802.11n (up to 150Mbps)
  802.11g (up to 54Mbps)
  802.11b (up to 11Mbps)
LED Indicator :
  POWER, ADSL, IIII, III, II, I, WPS/WIRELESS
Button : WPS, Reset
Antenna : 3dBi*1

Package Content

RM-1802 Router / Quick Installation Guide / Power Adapter

Network Feature

Routing : DHCP server, Client, DDNS server
NAT : Virtual server, DMZ
UPnP : UPnP NAT Traversal

Wireless Application

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

Firewall

Port / IP / MAC Filtering, Domain/URL Blocking

System Management

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

Environment

PDimension : 145 (L) x 91 (W) x 30 (H) mm
Weight : 174.4g
Operating Environment : Temperature0~40℃(32 to 104℉); Humidity10~85%
Storage Environment : Temperature-20~70℃ (-4 to 158℉); Humidity5~90%
Power : AC in 100~240V, DC out 12V 1A
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!