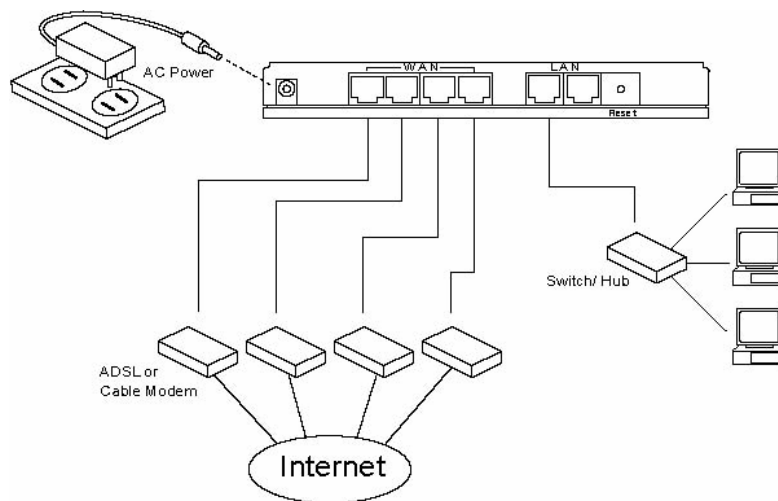# Broadband Router

BR-6541

Multi-homing Broadband Router
4 WAN port + 1 LAN port (10/100M)

Multi-homing

With the multi-homing function, you can lease up to 4 different types of WAN lines (T1、xDSL、Cable) from different ISPs. The router can let each user in your office makes use of all of the WANs simultaneously without changing any configuration of his/her PC.


IP Sharing

The NAT/PAT function lets you share WAN lines to all the Intranet users. The router can let you setup trigger ports of special applications, and let you access Internet services smoothly. The VPN pass through function supports IPSec and PPTP VPNs that helps you setup your VPN easily.

WAN Load Balance and Failover

Dynamically direct each of the LAN clients to a suitable WAN line according to the max bandwidth and current loading of the WAN lines. You also can configure a WAN line to act as a backup to the others. This backup WAN line is not active in the beginning. When all other WAN lines fail, the system will activate the backup WAN line and redirect the network traffic to the backup WAN line.
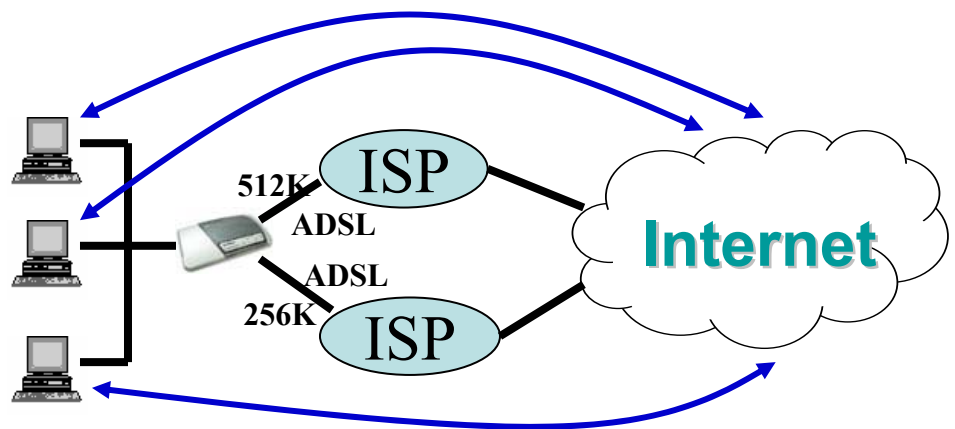
Distribute the network traffic to each WAN line according to their available bandwidth
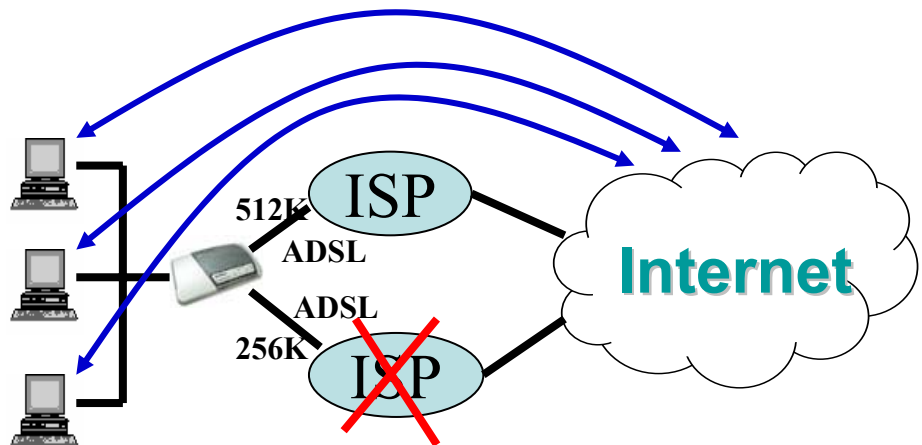
Keep detecting the connectivity of the WAN lines. When one WAN line breaks down, the router will redirect the network traffic to other functioning WAN lines.

Broadband Router

Support All ISP Connecting Methods

Support PPPoE, static IP, dynamic IP (DHCP client), PPTP connecting method. You can use this router no matter your ISP provide you fix lease line (T1/E1), ADSL, Cable.

Firewall

The SPI (Stateful Packet Inspection) firewall can protect your Intranet PCs from illegal access and many kinds of DoS attacks from the Internet, and alert you by e-mail in the first time if some event happens. The router also can control which PC has the right to access the Internet.

Virtual Server and DMZ

The virtual server and DMZ function let you setup your server in the Intranet and still can provide services to the Internet user by public IP.

DHCP Server

The DHCP server dispatches IPs to all Intranet PCs automatically. You can check IP and MAC addresses mapping table in any time.

Web Remote Management

The friendly Web user interface let you configure the router by a browser without pre-install any software. You can assign trusted IPs and let the administrator configure the router from the Internet.

System Firmware Upgrade

You can download the newest system firmware from the Web site www.edimax.com.tw and upgrade the router.

Broadband Router

Features :

- Multi-homing with WAN Load Balance and Failover
- NAT/PAT IP Sharing
- SPI Anti-DoS Firewall
- Virtual Server
- Virtual DMZ
- Supports Special Applications (Port Triggers)
- VPN Pass Through (IPSec/PPTP)
- Obtain WAN IP by PPPoE/Static IP/PPTP/DHCP
- DHCP Server
- DDNS (DynDNS, TZO)
- Web User Interface (Remote Configuration)
- System Status (Port Connectivity, DHCP MAC/IP Mapping)
- Illegal Acess Log
- Firmware Upgrade

Specification :

Product	BR-6541
CPU	ARM 7 RISC Processor
Flash	1 MB (Operating System and Application Core)
Throughput	20 Mbps
WAN Ports	Four 10/100BaseT Fast Ethernet
LAN Port	One 10/100BaseT Fast Ethernet
Power	12V/1A DC Linear Power Adaptor
Dimension	30(H)*187(W)*100(D) mm
Weight	270 g
Temperature	10-55℃
Humidity	0-90% (NonCondensing)
Certification	FCC Class B, CE Mark , C-Tick