

Load-Balance Broadband Ro



Building on the current successes of the PermaLINK models, Edimax Computer's new EnduraLINK ER-1088 addresses the need for additional bandwidth. As we all know, we can never have enough bandwidth, and the overriding question is how much do they cost! Now, with the EnduraLINK ER-1088, we can provide the optimum ratio of getting the highest bandwidth at the lowest cost.

By utilizing 8 high-speed WAN lines, EnduraLINK ER-1088 can exceed the DS3 level of download service at an extremely affordable cost for schools, architectural firms, printing companies, government offices, and many other medium-size companies.

The highest bandwidth is achieved by connecting 8 low-cost broadband links such as xDSL, cable, satellite, and etc. For example: at current time: (June 2006)

Service Provider	Business Service	Monthly Price (contract terms)	Speed Up/Download
Speakeasy	ADSL Select Plus	\$69.95	6 Mbps / 768Kbps
Verizon	Basic up to 3M	\$39.95	7 Mbps / 768Kbps
SBC Yahoo DSL	Expert Plus	\$49.99	8 Mbps / 768Kbps
Bell Canada	Internet High Speed	\$54.95 Canadian	6 Mbps / 800 Kbps

So, with 8 ADSL lines that cost less than \$600 per a month you can have a combined download bandwidth of greater than a 45 Mbps DS3 line which cost over \$5000 per a month. Just purchasing a DS3 router is at least \$4000. The best analogy for the multiWAN is to compare it to a 16-lane super-highway. Imagine the traffics that a 16-lane superhighway can carry! Similarly, the total data packets traffics capacity is correspondingly increased by a 8-WAN data super-highway. (8 WAN lines bi-directionally is equivalent to a 16-lane)

To summarize: the EnduraLINK ER-1088 can provide 108% of DS3 download; 15% of DS3 upload speed and at 12% of the cost. Comparison between EnduraLINK ER-1088 and T1 line with 1.5 Mbps for both upload and download is no contest.

In addition, the EnduraLINK EER-1088 is also a IPsec VPN Server (50 tunnels), and if you have ER-1088 at both

ends and you established multiple VPN tunnels and use VPN trunking, you can get fault-tolerant, fail-over VPN services. This is vital for Government, health, and any enterprises that require secured communication over the Internet.

Main Features

Features and Benefits - Multi-Homing	
In-bound Load Balancing	Use Authoritative DNS for non-stop Web hosting
Out-bound Load Balancing	8 available algorithms
Multiple WAN Ports	Aggregate bandwidth by combining up to 8 WAN lines
DSL or Cable	Mix DSL, Cable modem, satellite & T1 broadband lines
Failover	Failover between WAN ports for un-interrupted connection
VPN Load Balancing	VPN trunking for up to 4 WAN tunnels
Enterprise-class firewall	SPI firewall with Block URL, Access Filter, Session Limit and SysFilter Exception
T1 alternatives	Take advantage of the low-cost DSL & cable broadband lines
Features and Benefits - Router	
Internet Sharing	Support up to 253 users to share up to 8 WAN lines
DSL & Cable	Internet access via DSL or Cable Modem
NAT	Multi NAT/PAT support
	Virtual Server Mapping support
	NAT pass-through support (Netmeeting, messenger, Real Audio, CuSeeMe)
DMZ Host	Support multiple DMZ host
VPN & VoIP	PPTP & IPsec pass-through support & VPN Server (50 tunnels)
	VoIP pass-through support (H.323ALG)
Firewall	Block users' access of internet
	Block users' access of specific web sites
	Control users' internet access days & times
	URL blocking by address or keywords
	Intrusion Detection with Email alert
	Natural firewall by NAT (Network Address Translation)
QoS Bandwidth Control	Prioritize service by classifying and tagging packets
Router Status Monitoring	DHCP Client and security log
	Device/Connection Status
Remote Management	Configure and upgrade from remote site via internet
Professional Capability	Router configuration backup, recovery and reset
Friendly Interface	Web-based GUI for configuration and management
DHCP	Built-in DHCP server configuring IP address automatically