TP-LINK®

Datasheet



TP-LINK

Load Balance Broadband Router

TL-R470+

Highlights

- Up to 4 WAN ports equipped with advanced load balance to guarantee maximum bandwidth and backup capabilities
- Provides extensive client account and network management for administrators with supported PPPoE Server
- Marshals bandwidth resource to specific clients based on their unique application environments
- Smaller case for cost-effective solution in the small office or Internet cafes network
- Professional 4KV lightning protection keeps your investments as safe as possible

Copyright © 2013 TP-LINK Technologies Co., Ltd. All rights reserved.

Security

- One-to-One NAT
- FTP/H.323/SIP/IPsec/PPTP ALG
- IP/MAC/URL/WEB Filtering
- Web Filtering (Java, ActiveX, Cookies)
- ARP Inspection
- DoS/DDoS Defense

Load Balance

- Intelligent Load Balance
- Policy Routing
- Link Backup (Timing, Failover)

Traffic Control

- IP-based Bandwidth Control
- Guarantee & Limited Bandwidth
- IP-based Session Limit

Others

- Port VLAN, Port Mirror
- Static Routing
- PPPoE Server
- E-Bulletin
- DDNS

24/7 Global technical support

- Details http://www.tplink.com/en/Support
- German/Austrian/Swiss users are not included



Load Balance Broadband Router

TL-R470+

The TL-R470T+ load balance broadband router is a wise choice for small business. It brings you high return on investment with low overhead. Featured with three changeable WAN/LAN ports, TL-R470T+ supports up to 4 WAN ports, which can satisfy various Internet access requirements through one device. TL-R470T+ integrates multiple load balancing strategies, advanced QoS and strong firewall to provide you with consistent network uptime and reliable Ethernet connectivity. Moreover, it is easy to manage the TL-R470T+ via a web-based utility, which makes building and managing your network more convenient.

Three Changeable WAN/LAN Ports

The TL-R470T+ features three changeable ports that can be set to either LAN or WAN, allowing the router to support up to four WAN ports to satisfy various Internet access requirements through one device. The router also has an integrated smart load balancing function which automatically selects the most efficient line according to load and bandwidth requirements, providing users with consistent network uptime and reliable Ethernet connectivity.

Abundant Security Features

For defense against external threats, TL-R470T+ can automatically detect and block Denial of service (DoS) attacks such as TCP/UDP/ICMP Flooding, Ping of Death and other related threats. Moreover, this router provides IP/MAC/URL/WEB filtering functions, which forcefully prevent attacks from intruders and viruses. For applications such as FTP, H.323, SIP, IPsec and PPTP which are not well compatible with NAT, TL-R470T+ offers administrators one-click enable of ALG choices corresponding to the above five applications.

Efficient Access Management

By setting a PPPoE Server to allocate PPPoE accounts to private network users, the router only allows users with legal accounts that have passed authentication to access the Internet. Cooperating with IP-based Bandwidth Control, it is capable of confining bandwidth usage of certain PPPoE accounts. Moreover, the E-Bulletin function is able to release a bulletin in the form of webpage to certain user groups periodically, which notifies the users about the expiration date of the PPPoE account. With the above features, the router will prioritize different users in surfer jurisdictions for more efficient management.

Safety Minded Enterprise Investments

Professional lightning protection technology is designed to prevent electrical surges from penetrating the interior of the device, to be discharged harmlessly into the Earth. This router is designed to prevent lightning damage of up to 4KV in the well-grounded connection conditions. This feature ensures that networking infrastructure investments remain as safe as possible from one of Mother Nature's more violent elements.

Copyright © 2013 TP-LINK Technologies Co., Ltd. All rights reserved.

Specifications

Hardware Features

– Standards and Protocols: IEEE 802.3, 802.3u, 802.3x, TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DDNS
– Interface: 1 Fixed Ethernet WAN Port, 1 Fixed Ethernet LAN Port and 3 Changeable Ethernet WAN/LAN Ports
– Network Media: 10BASE-T: UTP category 3, 4, 5 cable (Max 100m), 100BASE-TX: UTP category 5, 5e cable (Max 100m)
– Flash/DRAM: 4MB/64MB
– LEDs: PWR, SYS, WAN, LAN, WAN/LAN
– Button: Reset
– Dimensions: 209*126*26 mm
– Power Supply: Internal Universal Power Supply, AC100-240V~50/60Hz input

Performance

– Concurrent Session: 10000

Basic Function

– WAN Connection Type: Static/Dynamic IP, PPPoE, PPTP, L2TP, Dual Access, Bigpond Cable
– MAC Clone: Modify WAN/LAN MAC Address
– DHCP: DHCP Server/Client, DHCP Address Reservation
– Switch Setting: Port Mirror, Rate Control, Port Configuration, Port VLAN

Advanced Function

– NAT: One-to-One NAT
– Load Balance: Policy Routing, Link Backup
– Forwarding: Virtual Server, Port Triggering, DMZ
– Security: FTP/SIP/PPTP/IPsec/H.323 ALG, DoS Defence, Ping of Death
– ACL: IP/MAC/URL/WEB Filtering
– Services: PPPoE Server, E-Bulletin, Dynamic DNS, UPnP,
– Static Routing
– Bandwidth Control
– IP/MAC Binding
– Session Limit

Maintenance

– Time Setting
– Diagnostics
– Firmware Upgrade
– Factory Defaults/Reboot
– Backup/Restore
– System Log
– Remote Management
– Statistics

Others

– Certification: CE, FCC, RoHS
– Package Contents: TL-R470T+, Power Cord, RJ-45 Ethernet Cable, Quick Installation Guide, Resource CD
– System Requirements: Microsoft® Windows 8/7/Vista/XP/2000, MAC® OS, NetWare®, UNIX® or Linux
– Environment:
Operating Temperature: 0℃~40℃ (32℉~104℉), Storage Temperature: -40℃~70℃ (-40℉~158℉),
Operating Humidity: 10%~90% non-condensing,
Storage Humidity: 5%~90% non-condensing

Ordering Information

Product Model	Description
TL-R470T+	Load Balance Broadband Router

Copyright © 2013 TP-LINK Technologies Co., Ltd. All rights reserved.