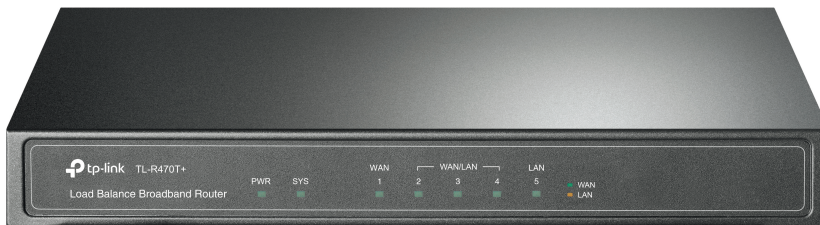# tp-link

Load Balance Broadband Router

MODEL: TL-R470T+

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

Overview

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.

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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.

Specifications

Hardware	
Standards and Protocols	IEEE 802.3, IEEE802.3u, IEEE802.3x TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DDNS
Interface	1 Fixed Ethernet WAN Port 1 Fixed Ethernet LAN Port 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)
Button	Reset
Power Supply	Internal Universal Power Supply AC100-240V~ 50/60Hz Input
Flash	4MB
DRAM	64MB
LEDs	PWR, SYS, WAN, LAN, WAN/LAN
Dimensions (W x D x H)	209x126x26 mm

Performance	
Concurrent Session	10000

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

Advanced Function	
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
IGMP	IGMP Proxy/IGMP Snooping
Bandwidth Control	•
IP/MAC Binding	•
Session Limit	•
Static Routing	•

Management	
Maintenance	Time Setting, Diagnostics, Remote Management Firmware Upgrade, SNMP, Factory Defaults/Reboot Backup/Restore, System Log, Statistics Daylight Saving Time

Others	
Certification	CE, FCC, RoHS
Package Contents	TL-R470T+, Power Cord, RJ-45 Ethernet Cable, Installation Guide, Resource CD
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7/8/8.1/10 MAC OS, NetWare, UNIX or Linux
Environment	Operating Temperature: 0℃ to 40℃ (32℉ to 104℉) Storage Temperature: -40℃ to 70℃ (-40℉ to 158℉) Operating Humidity: 10% to 90% non-condensing Storage Humidity: 5% to 90% non-condensing

Ordering Information

Product Model	Description
TL-R470T+	Load Balance Broadband Router

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