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Load Balance Broadband Router

MODEL: TL-R480T+

Highlights

- Up to 4 WAN ports equipped with advanced load balance to guarantee maximum bandwidth and backup capabilities
- Load Balancing automatically selects the best route to the destination according to the load
- Captive portal provides convenient guest authentication while promoting your business
- Abundant security features including ARP Inspection, DoS Defense, URL/Keyword Domain Filter and Access Control

Overview

The TL-R480T+ 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-R480T+ supports up to 4 WAN ports, which can satisfy various Internet access requirements through one device. TL-R480T+ 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-R480T+ via a web-based utility, which makes building and managing your network more convenient.

Three Changeable WAN/LAN Ports

The TL-R480T+ 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-R480T+ 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-R480T+ offers administrators one-click enable of ALG choices corresponding to the above five applications.

Efficient Access Management

Portal authentication enables administrators to only allow 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 accounts.

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 Button
Power Supply	Internal Universal Power Supply AC100-240V~ 50/60Hz Input
Flash	16MB
DRAM	128MB
LED	PWR, SYS, WAN, LAN, WAN/LAN
Dimensions (W x D x H)	11.6x7.1x1.7 in.(294x180x44 mm)

Performance

Concurrent Session	30000
NAT Throughput	150Mbps

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 MAC Address
IPTV	Bridge, Custom
IPv6	IPv6 Support
VLAN	802.1Q VLAN, Port VLAN

Transmission

Load Balance	Intelligent Load Balance Link Backup (Timing, Failover) Online Detection
NAT	One-to-One NAT, Multi-nets NAT, Virtual Server, Port Triggering FTP/H.323/SIP/IPsec/PPTP ALG
Routing	Static Routing Policy Routing
Session Limit	IP-based Session Limit
Bandwidth Control	IP-based Bandwidth Control

Security

Attack Defense	TCP/UDP/ICMP Flood Defense Block TCP Scan (Stealth FIN/Xmas/Null) Block Ping from WAN
Filtering	MAC Filtering URL/Keywords Filtering
ARP Inspection	Sending GARP Packets ARP Scanning by WAN/LAN IP-MAC Binding
Access Control	Source/Destination IP Based Access Control

Authentication

Web Authentication	Local User Authentication, Radius Sever Authentication, Onekey Online

Management

Service	Dynamic DNS (Dyndns, No-IP, Peanuthull, Comexe) UPnP
Maintenance	Web Management Interface, Remote Management Export & Import Configuration, SNMP Diagnostics(Ping & Traceroute), NTP Synchronize Syslog Support

Others

Certification	CE, FCC, RoHS
Package Contents	TL-R480T+, Power Cord, RJ-45 Ethernet Cable, Installation Guide, Rack-mount Kit
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

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