TP-LINK

Spotlight:

- 2 10/100Mbps WAN ports and 3 10/100Mbps LAN ports
- Multi-bandwidth, enjoys multi-services provided by different ISPs and double the egress bandwidth
- Load Balancing, automatically selects the best line according to the load
- IP and port based QoS enables your streaming multimedia, Video Teleconferencing, gaming etc. with high performance
- IP and MAC Address binding limits the ability of hostile entities to attack the network
- Supports access control based on time of day

Product Description:

The TL-R480T+ adopts Intel IXP network processors, main frequency up to 266MHz, multi-CPU distributed architecture, to ensure high performance and high availability. Additionally, the 6-layer PCB, the built-in high-redundancy power module feature a new architecture that dramatically stretches the performance of the router by enabling stable connections.

The TL-R480T+ features two WAN ports, which allows two connections to the Internet at the same time, provides you double-bandwidth access, and gives you the ability to enjoy more Internet sources from different ISPs. With fail-over and automatic load balancing, no manual work should ever be required.

The TL-R480T+ provides all the normal settings of a broadband router, it features much more advanced functions, such as Bandwidth Control, Port Mirror, Port VLAN, UPnP, VPN Pass-through, Firewall, System Log and so on.

The TL-R480T+ provides a friendly configuration interface for easy using. With multiple functions, high-reliability, and high-security, it widely meets enterprise, organ, Internet cafe, broadband community, and school networks new and changing requirements.

Product Features:

- Shares data and Internet access for Stations, connecting Internet through PPPoE on demand and disconnecting when idle
- Supports TCP/IP, PPPoE, DHCP, ICMP, NAT, SNTP
- Provides double-bandwidth access and supports Load Balancing
- Backups connections automatically for each other
- Specifies priority channels according to source or destination IP addresses, distributing flexibly Internet resource and services from different ISPs
- Built-in NAT and DHCP server supporting static IP address distributing
- Built-in firewall supporting IP address filtering, Domain Name filtering, and MAC address filtering
- Supports Port Bandwidth Control, Port Mirror, Port-based VLAN for LAN ports
- Supports Virtual Server, Special Application, and DMZ host
- Supports UPnP, Static Routing, VPN pass-through
- Supports connecting/disconnecting Internet on a specified time of day

- Supports access control based on time of day, parents and network administrators can establish restricted access policies for children or staffs
- Supports Flow Statistics
- Supports ICMP-FLOOD, UDP-FLOOD, TCP-SYN-FLOOD filter
- Supports web-based firmware upgrade
- Supports Remote and Web management
- Desktop or rack-mountable steel case

Product Specifications:

Software Specification	
Standards and Protocols	IEEE 802.3, 802.3u, 802.3z, 802.3ab, 802.3x, 802.1x, TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DNS
Basic Function	DHCP Server
	DHCP Client
	MAC Address Modify/Clone
	VPN Pass-through
	Static Routing
	Dynamic DNS
QoS	IP-Based QoS
	Port Bandwidth Control
	IP Connection Session Control
	IP Bandwidth Control
	Connection Session List
Port Settings	Port-based VLAN
	Port Mirrorring
	Flow Statistics
	LAN and WAN Port Setting
Forwarding Rules	Virtual Server
	Special Application
	Static Routing
	DMZ Host
	UPnP
	Firewall Rules Setting

Firewall Function	MAC Address Filtering		
	Domain Name Filtering		
	IP/MAC Address Binding		
	Ignore Ping Packet From WAN Port		
	DoS Protection		
	Scan Protection		
	IP Packets Containing Options		
	Suspicious Package Detection		
System Function	Remote Management		
	System Log		
	Configuration File Uploading and Downloading		
	Web Upgrade		
	HTTPS Configuration		
New Dual-WAN Function	Flow Statistics		
	WAN Load Balancing	Bandwidth Occupancy	
		WAN IP Tracing	
	WAN Bandwidth Percentage Display		
	LAN IP Statistics		
	Detecting Online	ICMP Detecting	
		DNS Detecting	

Hardware Specification		
Solution	Intel IXP Network Processor, Multi-CPU distributed processing, main frequency up to 266MHz	
Ports	LAN	3 10/100M Auto-Negotiation RJ45 ports (Auto MDI/MDIX)
	WAN	2 10/100M Auto-Negotiation RJ45 ports (Auto MDI/MDIX)
	1 Console (RS232 DB9 Male)	
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)	

LED Indicators	LAN/WAN	Link/Act, 100Mbps
	Else	Power, M1, M2
Dimensions (W*D*H)		11.6*7.1*1.7 in.(294*180*44 mm)
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
Power and Consumption		Input: 100-240VAC; 50/60Hz Consumption: 4.1W (Max)