

TL-ER5120

TP-LINK GIGABIT LOAD BALANCE ROUTER TL-ER5120



|             |              |
|-------------|--------------|
| Model       | TL-ER5120    |
| Brend       | Tp-Link      |
| Tip         | Load Balance |
| Port sürati | 1000 mb/s    |

Specification

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

| HARDWARE FEATURES        |                                                                                                                                                                                                                                |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards and Protocols  | IEEE 802.3, IEEE802.3u, IEEE802.3ab<br>TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DNS, PPTP, L2TP                                                                                                                             |
| Interface                | 1 Gigabit WAN port<br>3 Gigabit LAN/WAN ports<br>1 Gigabit LAN port                                                                                                                                                            |
| Network Media            | 10BASE-T: UTP category 3, 4, 5 cable (Max 100m)<br>EIA/TIA-568 100Ω STP (Max 100m)<br>100BASE-TX: UTP category 5, 5e cable (Max 100m)<br>EIA/TIA-568 100Ω STP (Max 100m)<br>1000BASE-T: UTP category 5, 5e, 6 cable (Max 100m) |
| Button                   | Reset Button                                                                                                                                                                                                                   |
| Power Supply             | Internal Universal Power Supply<br>AC100-240V~ 50/60Hz Input                                                                                                                                                                   |
| Flash                    | 32MB                                                                                                                                                                                                                           |
| DRAM                     | DDRIII 256MB                                                                                                                                                                                                                   |
| LED                      | PWR, SYS, Link/Act, Speed, WAN                                                                                                                                                                                                 |
| Dimensions ( W x D x H ) | 17.3x7.1x1.7 in.(440x180x44 mm)                                                                                                                                                                                                |

| PERFORMANCE        |        |
|--------------------|--------|
| Concurrent Session | 150000 |

| PERFORMANCE |         |
|-------------|---------|
| NAT(iMIX)   | 703Mbps |
| NAT(DHCP)   | 934Mbps |
| NAT(PPPoE)  | 868Mbps |

| BASIC FUNCTIONS     |                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------|
| WAN Connection Type | Static/Dynamic IP,<br>PPPoE/Russian PPPoE,<br>PPTP/Russian PPTP,<br>L2TP/Russian L2TP,<br>Bigpond Cable |
| MAC Clone           | Modify WAN MAC Address                                                                                  |
| DHCP                | DHCP Server/Client<br>DHCP Address Reservation                                                          |
| IPv6                | IPv6 Support                                                                                            |
| VLAN                | 802.1Q VLAN, Port VLAN                                                                                  |
| IPTV                | Bridge, Custom                                                                                          |

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

| AUTHENTICATION     |                                                                             |
|--------------------|-----------------------------------------------------------------------------|
| Web Authentication | Local User Authentication,<br>Radius Sever Authentication,<br>Onekey Online |

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

| OTHERS              |                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certification       | CE, FCC, RoHS                                                                                                                                                                  |
| Package Contents    | TL-ER5120<br>Power Cord<br>Rack-mount Kit<br>Installation Guide                                                                                                                |
| System Requirements | Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7/8.1/10<br>MAC OS, NetWare, UNIX or Linux                                                                             |
| Environment         | Operating Temperature: 0ℳ~40ℳ (32ℳ~104ℳ)<br>Storage Temperature: -40ℳ~70ℳ (-40ℳ~158ℳ)<br>Operating Humidity: 10%~90% non-condensing<br>Storage Humidity: 5%~90% non-condensing |