

HARDWARE FEATURES

Standards and Protocols	IEEE 802.3, IEEE802.3u, IEEE802.3ab TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DNS, IPsec, PPTP, L2TP
Interface	1 Gigabit WAN port 3 Gigabit LAN/WAN ports 1 Gigabit LAN port
Network Media	10BASE-T: UTP category 3, 4, 5 cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m) 100BASE-TX: UTP category 5, 5e cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m) 1000BASE-T: UTP category 5, 5e, 6 cable (Max 100m)
Fan Quantity	Fanless
Button	Reset Button
Power Supply	Internal Universal Power Supply AC100-240V~ 50/60Hz Input
Flash	32MB
DRAM	DDRIII 256MB
LED	PWR, SYS, Link/Act, Speed
Dimensions (W x D x H)	11.6 x 7.1 x 1.7in. (294 x 180 x 44 mm) 13/19-inch Rack-Mount Width, 1U Height

PERFORMANCE

Concurrent Session	40K
NAT Throughput	940Mbps
IPsec VPN Throughput (3DES)	99Mbps

BASIC FUNCTIONS

WAN Connection Type	Static/Dynamic IP PPPoE/Russian PPPoE PPTP/Russian PPTP L2TP/Russian L2TP 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

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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 UPnP
Routing	Static Routing Policy Routing
Session Limit	IP-based Session Limit
Bandwidth Control	IP-based Bandwidth Control

VPN

IPsec VPN	64 IPsec VPN Tunnels LAN-to-LAN, Client-to-LAN Main, Aggressive Negotiation Mode DES, 3DES, AES128, AES192, AES256 Encryption Algorithm MD5, SHA1 Authentication Algorithm IPsec NAT Traversal (NAT-T) Dead Peer Detection (DPD) Perfect Forward Secrecy (PFS)
PPTP VPN	16 PPTP VPN Tunnels PPTP VPN Server/Client PPTP with MPPE Encryption
L2TP VPN	16 L2TP VPN Tunnels L2TP VPN Server/Client L2TP over IPsec
VPN Pass-through	IPsec (ESP), PPTP, L2TP

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
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MANAGEMENT

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Service	Dynamic DNS (DynDNS and No-IP)
Maintenance	Web Management Interface Remote Management Export & Import Configuration SNMP Diagnostics(Ping & Traceroute) NTP Synchronize Syslog Support

OTHERS

Certification	FCC, RoHS
Package Contents	TL-ER6020 Power Cord Rack-mount Kit Installation Guide
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing