

RT-2800

4G ENTERPRISE ROUTER



SECURE VPN

Crypto ASIC

STRONG SECURITY

Firewall

4G/LTE

Multi WAN
WAN Backup

8 PORT SWITCH

flexible

COST EFFECTIVE

Fast return
on invest

Introduction

RT-2800 is a new generation of multiservice routers that embeds a multi-core 64 bits processor and encryption ASIC's that provide high performance and secured communications to Enterprises, communities and industries.

RT-2800 is a Gigabit router design to serve the Medium size Enterprises and Regional Offices. It provides hundreds VPN sessions for multiservice requirements including Internet access, VoIP, inter-office VPN, home-office VPN, etc.

RT-2800 supports strong security features with hardware encryption ASIC's to ensure best security to sensitive data and to protect the enterprise IT resources.

RT-2800 embeds a 4G/LTE interface to guaranty best communication availability even in case of primary network failure.

RT-2800 is a new generation router based on top of the art ASIC's and optimized design that make it a high performance and cost effective solution to provide enterprises with best user's experience and excellent return on invest.

Applications

RT-2800 serves many enterprise and industry applications

- Internet access : shares Internet access to many users
- VoIP : connect VoIP sessions to Voice Services Providers
- VPN to branch offices : secured inter office communications
- Remote workers : connect remote users and home offices through secured VPN

WAN services
Internet
VoIP
Branch offices
Remote workers
Home offices



4G LTE

GE

RT-2800



Enterprise services
IT, servers, switches
Wi-Fi
VoIP
Video-protection

Specifications

Routing	
LAN	ARP, ARP Proxi
WAN	PPP, PPPoE
Routing protocols	Static, default, RIP, OSPF, BGP, Load Balancing, PBR
Multicast	IGMP, PIM-DM, PIM-SM
IP v6	IPv6 ND, PMTU, FIB, ACL, QoS IPv6 Tunnel, NAT, 4over6, IPSec, GRE, 6to4, ISATAP RIP, OSPF, BGP
Performance	2 Mpps
Ethernet	
Interfaces	LAN : 4x 10/100/1000BT, RJ45 WAN: 1x 10/100/1000BT or 2x Com- bo RJ45/SFP
Switching	VLAN, QoS, STP, RSTP
Frame size	1 552 Bytes
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VPN	
VPN	IPSec, IKE, DMVPN, EZVPN L2TP, PPTP, GRE, EoGRE VPN stacking
MPLS	VPLS, MP-BGP, VRF, L2VPN, L3VPN
4x channels Fast Eth	4x 10/100BT RJ45, 4x VCG, 100Mbps
Security	
Resiliency	VRRP, HSRP, Route backup, interface backup, load balancing and backup
Firewall	ACL, ASPF state detection, Sync / UDP / IGMP Flood protection, ARP attack, DHCP-Snooping

4G / LTE	
4G LTE	1x SMA antenna Bands: B1/3/5/8/38/39/40/41 150 Mbps Down / 50 Mbps Up
IP Services	
AAA	PAP, CHAP, MS-CHAP, Radius, Tacacs+
Protocols	Ping, Traceroute, Nslookup IP ACL, filter DHCP (client, server, relay) DNS, DNS Proxi, DDNS Keep Alive, PDP Netflow, IP SLA FTP, TFTP, SNTTP, Alias, PNP SNMP v3, Syslog, RMON SSH, Telnet, HTTP
Power supply	
RT-2800-08	110-230 Vac external adapter
RT-2800-10	110-230 Vac input
Environmental	
Size (WxDxH)	RT2800-08 : 220 x 160 x 44 mm RT2800-10 : 300 x 200 x 44 mm
Weight	RT2800-08 : 1,5 kg
Operating tempera-	0 to +55°C
Hygrometry	5 to 85%, non condensing
Compliance	CE, ROHS, EN55022, EN55024

Ordering information

Reference	LAN	WAN	4G/LTE	Power supply
RT-2800-10C	8x GE RJ45	2x GE RJ45/SFP	-	110-230 Vac input
RT-2800-10-LTE	8x GE RJ45	2x GE RJ45/SFP	Y	110-230 Vac input



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