

MC IPSEC/MPLS MINI ROUTER PRODUCT SPECIFICATION

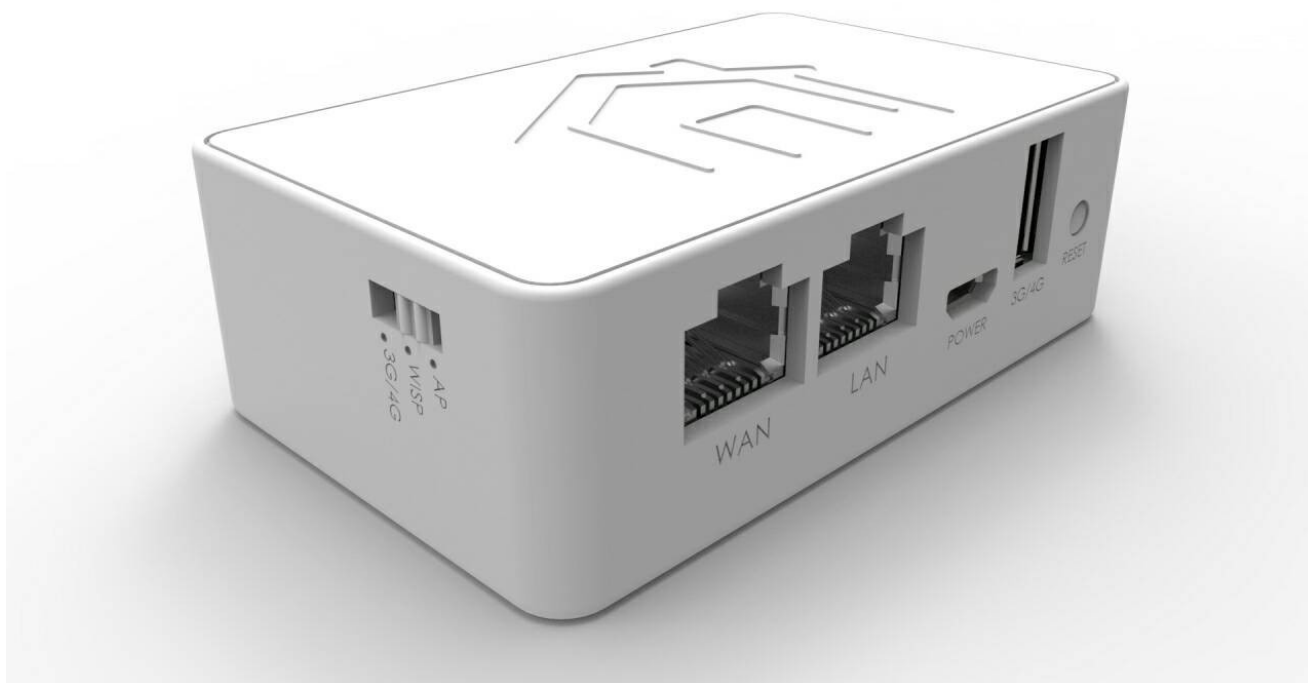


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1. PRODUCT SPECIFICATIONS

1.1 HARDWARE FEATURES

1.1.1 MAIN CHIP

CPU	MT7620A
FLASH MEMORY	8 M BYTE
DRAM	DDR2 64 M BYTE

1.1.2 FEATURE LIST

WAN	1 PORTS 10/100 MBPS
LAN	1 PORTS 10/100 MBPS
USB	1 PORT 2.0 HOST
SYS. POWER	DC 5V/2A
DIMENSION	83*52*27 MM

OPENVPN/RESET BUTTON	YES
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1.1.3 HARDWARE RESET

OPENVPN/RESET BUTTON	ON FRONT SIDE. CLICK FOR "RECONNECT OPENVPN TUNNEL", AND PUSH 10 SECONDS FOR "FACTORY DEFAULT".
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1.1.4 LED STATUS

LED	COLOR	DESCRIPTION
SYSTEM ACT	WHITE	STEADY ON: SYSTEM BOTTING. SLOW BLINKING: SYSTEM BOOT COMPLETE. OFF: POWER OFF.

1.2 SOFTWARE FEATURES

1.2.1 FIREWALL SECURITY

- NAT
- DROP INVALID PACKETS (SPI) FIREWALL
- SYN-FLOOD PROTECTION (DoS)
- IPSEC, PPTP PASS THROUGH

1.2.2 NETWORKING

- DHCP SERVER (SUPPORT CLASS C), DHCP CLIENT, DYNAMIC IP, STATIC IP SUPPORT
- PPPoE/ STATIC IP/ DHCP CLIENT FOR WAN
- TCP/IP
- ARP, ICMP
- MULTIPLE DNS
- PASSWORD PROTECTED CONFIGURATION OR MANAGEMENT SESSIONS FOR WEB ACCESS
- SUPPORT IPV4

1.2.3 WiFi

- BAND: 2.4GHz (802.11G/N)
- HT MODE (802.11N): 20 MHz, 40 MHz
- COUNTRY CODE
- DISTANCE OPTIMIZATION
- FRAGMENTATION THRESHOLD
- RTS/CTS THRESHOLD
- STATUS SHOWING
- ASSOCIATED STATIONS
- 2.4G CHANEL: 1 TO 13/AUTO
- TX POWER CONFIGURABLE, FROM 0 dBm TO 16 dBm (11B CCK)
- SSID CONFIGURABLE
- SUPPORT ACCESS POINT/ CLIENT MODE
- SUPPORT LAN/WAN INTERFACE

- **HIDE SSID**
- **WMM MODE**
- **WIRELESS ENCRYPTION: NO ENCRYPTION, WEP OPEN SYSTEM, WEP SHARED KEY, WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK MIXED MODE, WPA-EAP, WPA2-EAP**

1.2.4 USB

- **3G/4G INTERNET ACCESS**
- **3G/4G AS WAN INTERFACE**
- **THROUGHPUT MEASUREMENT**
- **APN AND PIN CODE SUPPORT**

1.2.5 NETWORK MANAGEMENT

- **COMPREHENSIVE WEB BASED MANAGEMENT AND POLICY SETTING**
- **HOSTNAME AND TIME ZONE**
- **NTP SERVER AND CLIENT**
- **MONITORING, LOGGING, AND ALARMS OF SYSTEM ACTIVITIES**
- **FIRMWARE UPGRADE THROUGH WEB BROWSER**
- **FIRMWARE BACKUP**
- **REBOOT**
- **FACTORY DEFAULT**

1.2.6 VPN SUPPORT

- **CONFIGURE CONCURRENT TUNNELS: 1 IPSEC + 1 OPENVPN + 1 PPTP OR OTHER COMBINATIONS WITHIN THE MEMORY'S LIMITATION**
- **SUPPORTS MAX 1 IPSEC VPN TUNNELS**
- **SUPPORTS MAX 1 OPENVPN TUNNELS**
- **SUPPORTS MAX 1 PPTP VPN TUNNELS**

1.2.7 IPSEC VPN

- **FRIENDLY VPN TUNNEL MANAGEMENT**
- **IKE: PRE-SHARED KEYS**
- **IPSEC ENCRYPTION 3DES/AES128/AES192/AES256**
- **IPSEC AUTHENTICATION MD5/SHA1**
- **DH GROUP: MODP1024/ MODP1536/ MODP2048**
- **PERFECT FORWARD SECRECY (PFS)**
- **SA LIFE TIME**
- **MAIN/ AGGRESSIVE MODE**
- **NAT TRAVERSAL**
- **DEFAULT SUPPORT CONNECT ON DEMAND**

- **DPD DETECTION**
- **IP BY DNS RESOLVED**
- **DYNAMIC IP PLUS FQDN**

1.2.8 OPENVPN

- **OPENVPN SEVER AND OPENVPN CLIENT**
- **IN SERVER MODE, SUPPORT OPENVPN CLIENT 1 USERS**

1.2.9 PPTP VPN

- **PPTP DIAL-IN VPN 1 USERS**

1.2.10 LOG

- **SYSTEM LOG**
- **REALTIME SYSTEM LOAD**
- **REALTIME TRAFFIC: LAN, WAN**
- **REALTIME ACTIVE CONNECTIONS**
- **IP/PORT STATISTIC**