



# RV00



## PROCESSOR

MediaTek MT7621 512MB  
DDR RAM, 32MB Flash



## OPERATING SYSTEM

Open-WRT Linux



## INTERFACE

5x WAN/LAN 10/100/1000M



## POWER

12 V DC

## HARDWARE SPECIFICATIONS

### Operating System

|             |   |
|-------------|---|
| CPU         | MediaTek MT7621                           |
| FLASH       | 32MB                                      |
| RAM         | 512MB                                     |
| WAN/LAN     | 5x 10/100/1000M                           |
| Reset       | Pinhole Reset Button                      |
| Enclosure   | Aluminum Enclosure                        |
| Mounting    | Din-rail mount (As an optional accessory) |
| Design      | Fan less                                  |
| Dimensions  | 110 x 60 x 95 mm (W x H x D)              |
| Weight      | 400 gm                                    |
| Status      | 1x Power, 1x SYS, 5x Ethernet             |
| Input Power | 12 Vdc                                    |

### Operational & Environmental

|                           |                           |
|---------------------------|---------------------------|
| Storage Temperature       | -30 ~ 70°C                |
| Operating Temperature     | -20 ~ 60°C                |
| Humidity                  | 10 ~ 90% (non-condensing) |
| Ingress Protection Rating | IP30                      |

## SOFTWARE SPECIFICATIONS

### Firewall & Networking

|                       |  |
|-----------------------|--|
| Routing               | Static Routing, Dynamic Routing (BGP, OSPF)  |
| Network Protocols     | TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, PPP, SSH, DHCP, SNMP (Planned), TR069    |
| Connecting Monitoring | Ping Reboot, Scheduled Periodic Reboot   |
| Firewall features     | Port forward, traffic rules, SNAT, Zone- Zone traffic control, Zone Forwarding & Masquerading    |
| DHCP                  | Static and Dynamic   |
| Load Balancing        | Configurable Load Balancing option for Wired WAN   |
| Authentication        | Pre-shared key, X.509 certificates   |
| VLAN                  | Port based VLAN, Tag based VLAN 802.1Q   |
| Other                 | MAC binding, URL Filtering   |
| VPN                   | OpenVPN, IPsec, GRE, GRE over IPsec, Wireguard, Zerotier   |
| IPsec                 | IKEv1, IKEv2, supports up to 4x VPN IPsec clients. Encryption: DES, 3DES, AES128, AES192, AES256 |
| PPTP, L2TP, PPPOE     | WAN with PPTP/L2TP/PPPOE configuration for secure broadband connection                           |

### Operating System

|                     |   |
|---------------------|---|
| Operating System    | OpenWrt-v21.02.5 based Linux OS; Kernal- v5.4.215                   |
| Supported Languages | Shell scripting, C, C++, Python (Optional)                          |
| Development tools   | Toolchain & SDK package with build environment provided (Optional). |

### Standard Packaging

RV00 Router with Industrial Aluminum Housing, 0.5-meter Power Cord, 01-meter Ethernet cable.

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#### Get in touch :



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