Template:Networking rut2xx manual network wan

WAN

The **WAN** section displays information about the Main and Backup WAN connections. The figure below is an example of the Mobile page:

[[File:{{{file_wan}}}]]

Field	Description
Interface	WAN type. Possible values are: • Mobile • Wired • Wireless

Type	[[{{{name}}}_Mobile#Mobile_Configuration|Connection type]] or [[{{{name}}}_WAN#Common_Configuration|protocol]]. The value displayed in this field is dependent on used WAN type. Possible values are:
	• **Mobile WAN**
	  - **Qmi2** - Qualcomm MSM Interface, a proprietary protocol used between Qualcomm cellular processors and their software stacks
	  - **PPP** - Point-to-Point Protocol; uses a dialling number to establish a data connection
	• **Wired WAN**
	  - **DHCP** - Dynamic Host Configuration Protocol; the WAN network interface controller acts as a DHCP client, meaning that it receives a dynamically assigned IP address and other network configuration parameters
	  - **Static** - WAN network interface controller configuration parameters are set manually (used when the WAN gateway is not a DHCP server)
	  - **PPPoE** - Point-to-Point Protocol over Ethernet; used to establish a Digital Subscriber Line (DSL) Internet service connection
	• **WiFi WAN**
	  - **DHCP** - Dynamic Host Configuration Protocol; the WAN network interface controller acts as a DHCP client, meaning that it receives a dynamically assigned IP address and other network configuration parameters
	  - **Static** - WAN network interface controller configuration parameters are set manually (used when the WAN gateway is not a DHCP server)

IP address	Router's WAN IP address.
WAN MAC	MAC address of the WAN network interface controller (WiFi radio or WAN Ethernet port). This field is only visible if main WAN is set to Wired or WiFi.
Netmask	A **netmask** is used to define how "large" a network is by specifying which part of the IP address denotes the network and which part denotes the device.
Gateway	Gateway of the default route - an IP address through which the router reaches the Internet.
DNS	DNS servers used by the main WAN connection.
Connected	Currently used WAN connection uptime.
Ports	Displays an image of the router's front panel with highlighted Ethernet ports that are currently in use.
WAN Failover Status	Displays the router's current WAN failover status.
Refresh	Refreshes all information fields in the page.

WAN settings can be customized via the **Network → [[{{{name}}} WAN|WAN]]** page.