

Template:Networking rut9xx manual mobile usb modem

USB Modem

The **USB Modem** section is used to configure the connection settings of a USB modem attached to the router's USB connector. This section only becomes visible when a USB modem is connected to the router.

The configuration is a minimalistic version of the regular SIM card settings page:

[[File:{{{file_usb_modem}}}]]

Field	Value	Description
APN	string; default: none	<p>An Access Point Name (APN) is a gateway between a GSM, GPRS, 3G or 4G mobile network and another computer network. Depending on the contract, some operators may require you to use an APN just to complete the registration on a network. In other cases, APN is used to get special parameters from the operator (e.g., a public IP address) depending on the contract.</p> <p>The check mark on the right side of the APN field enables the <i>Auto APN</i> feature. Auto APN sets the APN value automatically based on your provider and country.</p> <p>An APN Network Identifier cannot start with any of the following strings:</p> <ul style="list-style-type: none">• rac;• lac;• sgsn;• rnc; <p>it cannot end in:</p> <ul style="list-style-type: none">• .gprs; <p>and it cannot contain the asterisk symbol (*).</p>
PIN number	string; default: none	<p>A 4-digit long numeric password used to authenticate the modem to the SIM card.</p>
Authentication method	CHAP PAP None; default: None	<p>Authentication method that your GSM carrier uses to authenticate new connections on its network. If you select PAP or CHAP, you will also be required to enter a username and password.</p>
Service mode	2G only 2G preferred 3G only 3G preferred 4G (LTE) only 4G (LTE) preferred Automatic; default: 4G (LTE) preferred	<p>Your service mode preference. If your local mobile network supports 2G, 3G and 4G (LTE), you can specify to which type of network you wish to connect to. For example, if you choose 2G only, the router will connect to a 2G network, so long as it is available, otherwise it will connect to a network that provides better connectivity. If you select Automatic, then the router will connect to the network that provides the best connectivity.</p>

To select the USB modem to act as a WAN connection, go to the **Network** → [WAN](#) page.

[Click here](#) for step-by-step instructions on USB modem setup.