

# Template:Networking rut2xx manual network

The information in this page is updated in accordance with firmware version .

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## Summary

The **Network** page contains information related to the device's networking features. This chapter is an overview of the Network page in {{{name}}} devices.

{{Template:Networking\_rutxxx\_manual\_network\_mobile\_{{{mobile}}} | name = {{{name}}} | file\_mobile = Networking\_rutxxx\_manual\_network\_mobile\_information\_3g\_v2.png }}

{{Template:Networking\_{{{series}}}\_manual\_network\_wan | name = {{{name}}} | file\_wan = Networking\_rut2xx\_manual\_network\_wan\_information\_v1.png }}

## LAN

The **LAN** section displays information about your Local Area Network and active DHCP leases.

### LAN Information

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The **LAN Information** section contains data on the router's LAN interface(s). The figure below is an example of the LAN Information section:

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Field	Description
Name	LAN interface name
IP address	Router's LAN IP address
Netmask	A <a href="#">netmask</a> 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
Ethernet MAC address	Router's LAN MAC address
Connected for	LAN interface uptime

## DHCP Leases

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The **DHCP Leases** section contains information on DHCP clients that hold active DHCP lease. The figure below is an example of the DHCP Leases section:



Field	Description
Hostname	DHCP client's hostname.
IP address	DHCP client's IP address.
LAN name	LAN interface name through which the client is connected to the router.
MAC address	DHCP client's MAC address.
Lease time remaining	Remaining lease time for a DHCP client. Active DHCP lease holders will try to renew their DHCP leases after a half of the lease time passes. DHCP lease settings can be changed in the <b>Network → LAN → [{{name}}] LAN#General DHCP Server</b> section.

## Ports

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The **Ports** displays an image of the router's front panel with highlighted Ethernet ports that are currently in use. The Refresh button refreshes all information fields in the page. The figure below is an example of the Ports section:



## Wireless

The **Wireless** section displays information about wireless connections and associated WiFi stations.

## Wireless Information

The figure below is an example of the **Wireless Information** section:



Field name	Description
Channel	Currently used channel. In most countries there are 13 WiFi channels on the 2.4 GHz band (14 in Japan) to choose from
Country Code	Indicates currently used country code (SO/IEC 3166 alpha2 country codes as defined in ISO 3166-1 standard)

## Wireless Status

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The **Wireless Status** section contains information about Wireless Access Points. The figure below is an example of the **Wireless Status** section:



Field name	Description
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SSID	The broadcasted SSID (Service Set Identifier) of the wireless network.
Mode	Connection mode. Can either be Access Point (AP) or Client. In AP mode others can connect to this router's wireless connection. In client mode router connects to other wireless networks.
Encryption	The type of WiFi encryption used.
Wireless MAC	The MAC (Media Access Control) address of the access point radio.
Signal Quality	The signal quality between router's radio and some other device that is connected to the router.
Bit rate	The maximum possible physical throughput that the router's radio can handle. Bit rate will be shared between router and other possible devices which connect to local Access Point (AP) .

## Associated Stations

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The **Associated Stations** section contains information about devices that are connected to Wireless Access Point. The figure below is an example of the **Associated Stations** section:



Field name	Description
MAC address	Associated station's MAC (Media Access Control) address.
Device Name	Currently connected device name.
Signal	Received Signal Strength Indicator (RSSI). Signal's strength measured in dBm.
RX rate	The rate at which packets are received from associated station.
TX rate	The rate at which packets are sent to associated station.

## OpenVPN

The OpenVPN section displays information about the OpenVPN connection (either client or server).



Field name	Description
Enabled	Indicates whether OpenVPN server/client is enabled or not.
Status	Shows connection status.
Type	Shows whether the router is a server or client.
IP	Router's OpenVPN IP address.
Mask	A <a href="#">netmask</a> 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.
Time	Shows OpenVPN connection uptime.

## VRRP

The VRRP section displays VRRP status information.



Field name	Description
Status	Shows whether VRRP is enabled or not.
Virtual IP	Virtual IP address for LAN's VRRP cluster.
Priority	Indicates router's priority.
Router	Shows whether the router is Master or Backup.

## Access

### Access Information

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The Access Information section displays the status of both local and remote SSH, HTTP and HTTPS access and shows the number of current connections to your router through each of those protocol.



	<b>Field name</b>	<b>Description</b>
Type		Shows access type.
Status		Indicates whether that access type is enabled or not.
Port		Shows which port which type of access uses.
Active connections		Currently active connections count and data usage.

## Last Connections

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The Last Connections section displays three of the last local and remote connections to your router via SSH, HTTP and HTTPS and their status (either failed or successful).



	<b>Field name</b>	<b>Description</b>
Type		Shows access type.
Date		Indicates connection date.
IP		Shows what IP address connected.
Authentication Status		Shows whether authentication was successful or not.

[[Category:{{{name}}} Status section]]