

# Configuring External Ethernet

Manual and automatic configuration using the DHCP protocol.

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Usually, all necessary information for configuration is contained in the contract with your Internet provider.

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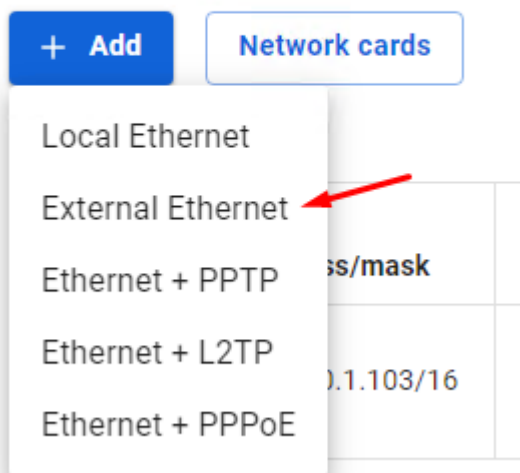
## Manual Configuration

To configure the connection in the web interface, follow these steps:

1. Go to the menu **Services** -> **Network Interfaces**.
  2. Click on the icon (+) in the upper right corner of the window and select **External Ethernet**.
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### Network Interfaces

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3. Select a network card.
4. Fill in the fields listed below:

- **Title** - The name you will use to identify the interface in the future. Maximum 42 characters.
- **Network card** - The network adapter that will be used to connect.

- **VLAN tag** - VLAN ID. Such network interface is considered a VLAN interface. Also, one Ethernet interface can be created without specifying VLAN belonging to this network segment that will receive untagged traffic. Regular Ethernet interfaces, without specifying the VLAN ID, are created on the physical interface only in a single copy. The field is filled in only if the network card is already in use.
- **Automatic configuration via DHCP** - It is used if your Internet provider supports the ability to automatically configure the Ethernet interface using the DHCP protocol.
- **IP address/mask** - You can assign multiple IP addresses to the interface. At least one IP address must be specified.
- **Gateway** - Gateway IP address.
- **DNS** - Two fields are available to specify the DNS server (optional).

Configuration example:


## Network Interfaces

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### Configure external Ethernet interface

Title

Network card ..... Intel Corporation 82540EM Gigabit Ethernet Controller 

MAC address ..... 08:00:27:fb:fb:a9 

VLAN

Number from 1 to 4094

☐ Automatic configuration via DHCP

IP-address/mask

[Add IP-address with mask](#)

Gateway

DNS-1 (optional)

DNS-2 (optional)

**Save**

Cancel

# Automatic Configuration

It is used if your Internet provider supports the ability to automatically configure the Ethernet interface using the DHCP protocol.

1. Go to menu **Services** -> **Network interfaces**.
2. Click on the icon (+) in the upper right corner of the window and select **External Ethernet**.
3. Select a network card.
4. Fill in the **Title** field. The **VLAN tag** field is filled in only if the network card is already in use.
5. Enable **Automatic configuration via DHCP**.
6. Make sure that the entered values are correct and click **Save**.


Configuration example:


## Network Interfaces

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### Configure external Ethernet interface

Title

Network card ..... Intel Corporation 82540EM Gigabit Ethernet Controller 

MAC address ..... 08:00:27:fb:fb:a9 

VLAN

Number from 1 to 4094

☒ Automatic configuration via DHCP

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