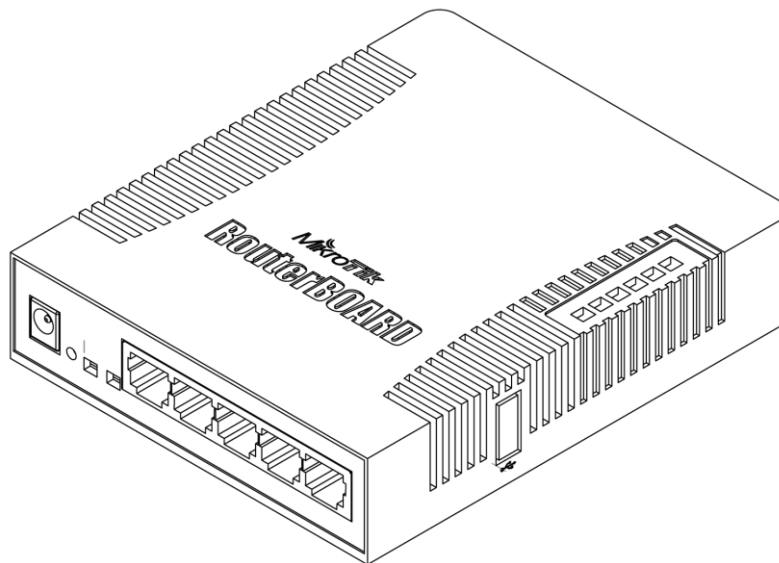


# RouterBOARD 751G-2HnD

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## Quick Setup Guide and Warranty Information



## Connecting

1. Connect your Internet cable to port 1, and LAN computers to ports 2-5
2. Set LAN computer IP configuration to *automatic* (DHCP)
3. Default IP address from LAN/WLAN is 192.168.88.1, connect with SSH, Telnet or Winbox tool for configuration. The username is **admin** and there is **no password**
4. Wireless AP mode is enabled by default, you can connect to the SSID "MikroTik". Log into your router and configure a WPA wireless password to secure your network

## Powering

The device accepts powering from the power jack or from the first Ethernet port (Passive PoE):

- DC power jack (5.5mm outside and 2mm inside diameter, female, pin positive plug) accepts 8-30V DC
- The first Ethernet port accepts passive Power over Ethernet accepts 8-30V DC

Under maximum load, the power consumption of this device is 7W

## Booting process

The device is preinstalled with MikroTik RouterOS software. It can be configured in several ways.

This device doesn't come fitted with a Serial Port connector, so initial connection has to be done via the Ethernet cable, using the MikroTik Winbox utility (available on [www.mikrotik.com](http://www.mikrotik.com)). Winbox should be used to connect to the default IP address of **192.168.88.1** with the username **admin** and **no password**.

In case IP connection is not available, Winbox can also be used to connect to the MAC address of the device. More information about configuring the device: [http://wiki.mikrotik.com/wiki/First\\_time\\_startup](http://wiki.mikrotik.com/wiki/First_time_startup)

In case you wish to boot the device from network, for example to use MikroTik Netinstall, hold the RESET button of the device when starting it until the LED light turns off, then release the button and the device will start looking for Netinstall servers.

By default, the device is preconfigured with a simple firewall on the WAN port, this configuration can be viewed when first connecting to the Router via Winbox. It will ask whether to keep this configuration or clean it to use your own. LAN/WLAN ports have DHCP server enabled.

## Extension Slots and Ports

- Five individual 10/100/1000 Gigabit Ethernet ports, supporting automatic cross/straight cable connection (Auto MDI/X), so you can use either straight or cross-over cables for connecting to other network devices. The First Ethernet port accepts 8-30V DC powering from a passive PoE injector.
- One Integrated Wireless 2.4GHz 802.11b/g/n 2x2 MIMO, Onboard PIF antennas, max gain 2.5dBi
- One USB 2.0 port

## Resetting the device

In case you wish to return the device to its original configuration, you can use the RESET button which is located to the left of the Ethernet ports. Hold this button during boot time until LED lights start flashing, then release the button to **reset RouterOS configuration**. You can use this procedure if you have forgotten the password to access the device, or simply wish to return the unit to its default configuration state.

## Buttons and Jumpers

- RouterOS reset jumper hole (on the bottom of case, behind one of the rubber feet) – resets RouterOS software to defaults. Must short circuit the metallic sides of the hole (with a screwdriver, for example) and boot the device. Hold screwdriver in place until RouterOS configuration is cleared.
- RouterBOOT reset button (RESET, front panel) has two functions:
  - ✓ Hold this button during boot time until LED light starts **flashing**, release the button to **reset RouterOS configuration** (same result as with RouterOS reset hole)
  - ✓ Hold this button during boot time longer, until **LED turns off**, then release it to make the RouterBOARD **look for Netinstall servers**.

## Operating System Support

Currently tested operating system is MikroTik RouterOS starting from version v5.

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**Hardware.** MikroTik warrants all RouterBOARD series equipment for the term of fifteen (15) months from the shipping date to be free of defects in materials and workmanship under normal use and service, except in case of damage caused by mechanical, electrical or other accidental or intended damages caused by improper use or due to wind, rain, fire or other acts of nature.

To return failed units to MikroTik, you must perform the following RMA (Return Merchandise Authorization) procedure. Follow the instructions below to save time, efforts, avoid costs, and improve the speed of the RMA process.

1. If you have purchased your product from a MikroTik Reseller, please contact the Reseller company regarding all warranty and repair issues, the following instructions apply **ONLY** if you purchased your equipment directly from MikroTik in Latvia.
2. We do not offer repairs for products that are not covered by warranty. Exceptions can be made for RB1000 series.
3. Out-of-warranty devices and devices not covered by warranty sent to Mikrotiks will be returned to the sender at sender's cost.

RMA Instructions are located on our webpage here: <http://rma.mikrotik.com>

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