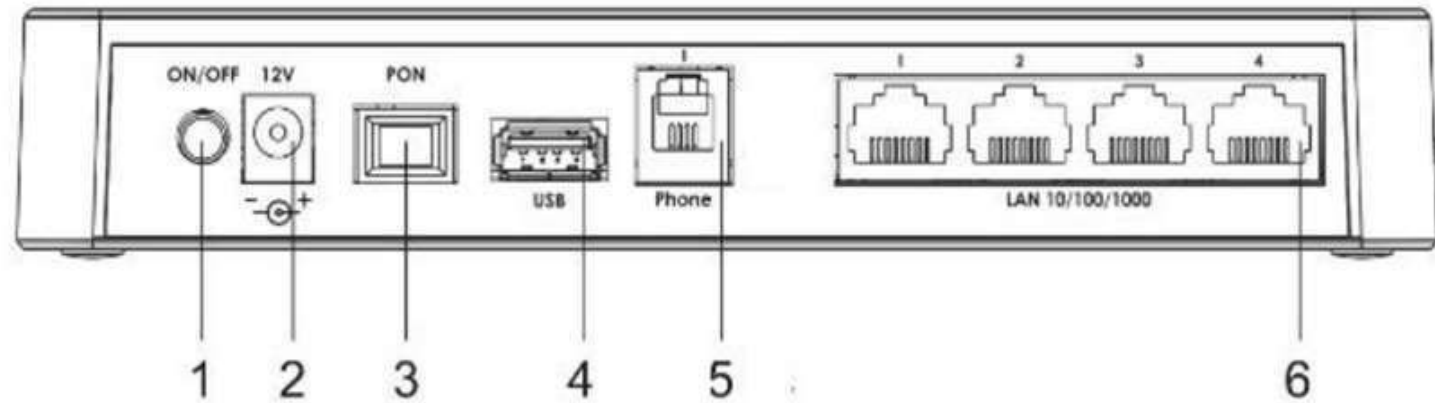
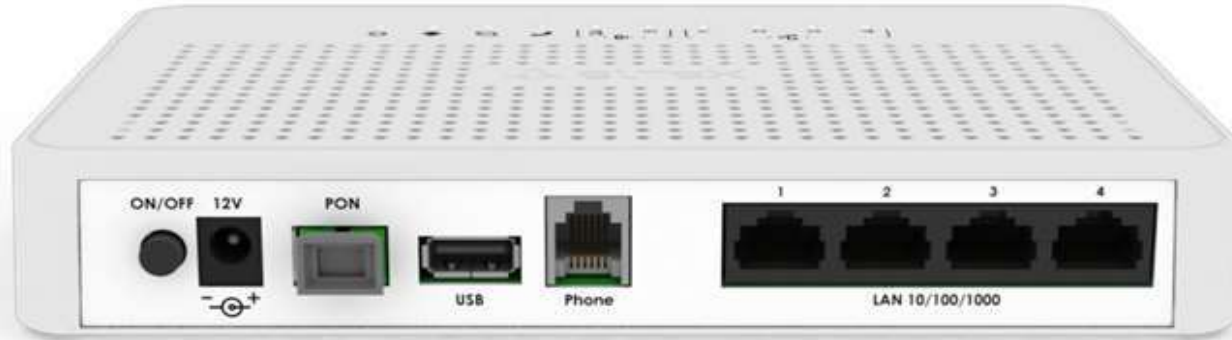


# Настройка роутера NTU-RG-5421G-Wac

**ВАЖНО!** Данный роутер (терминал) подключается у клиентов только по технологии GPON



# Настройка роутера NTU-RG-5421G-Wac

Описание разъемов, и органов управления задней панели.

| № | Элемент задней панели | Описание   |
|---|-----------------------|--|
| 1 | On/Off                | Кнопка питания   |
| 2 |                       |  |
| 3 | PON                   | Разъем SC (розетка) PON оптического интерфейса GPON  |
| 4 |                       |  |
| 5 | Phone                 | Разъем RJ-11 для подключения аналогового телефонного аппарата:<br>2 разъема в NTU-RG-5402G-W 1 разъем в NTU-RG-5421G-Wac и NTU-RG-5421G-WZ |
| 6 |                       |  |

# Настройка роутера NTU-RG-5421G-Wac

## ШАГ 1.

- Подключите роутер к электропитанию.
- Подключите патчкорд (промежуточный кабель в комплекте с роутером) от любого LAN порта роутера к ноутбуку или персональному компьютеру (ПК) .

## ШАГ 2.

- Откройте браузер, желательно Google chrome.
- В адресной строке наберите IP адрес: 192.168.1.1
- Далее введите логин и пароль от входа в интерфейс роутера:
  - ✓ Логин: admin
  - ✓ Пароль: kW5i\_1bYC6os

# Настройка роутера NTU-RG-5421G-Wac

## ШАГ 3.

Во вкладке **WAN**, в подразделе **PON WAN** произведите первичные настройки как указано на скриншоте:

**ELTEX** NTU-RG-5421G-Wac:rev.B admin Logout

**PON WAN**

This page is used to configure the parameters for PONWAN

nas0\_0

Enable VLAN:

VLAN ID: 333 802.1p\_Mark

Channel Mode: IPoE

Enable NAPT:

Enable firewall:

Connection Type: INTERNET TR069

Default Route:  Disable  Enable

Enable IGMP-Proxy:

IP Protocol: IPv4

**WAN IP Settings:**

Type:  DHCP  Fixed IP

IP Address: Gateway:

Subnet Mask: IP Unnumbered:

Request DNS:  Enable  Disable

Primary DNS Server:

Secondary DNS Server:

Apply Changes Delete

# Настройка роутера NTU-RG-5421G-Wac

## ШАГ 4.

Во вкладке **WAN**, в подразделе **VPN** произведите настройку подключения клиента как указано на скриншоте:

admin Logout

ELTEX NTU-RG-5421G-Wac:rev.B

Status  
LAN  
Wireless  
WAN  
PON WAN  
VPN  
L2TP  
Services  
VoIP  
Advance  
Diagnostics  
Admin  
Statistics

### L2TP VPN Configuration

This page is used to configure the parameters for L2TP mode VPN.

L2TP VPN:  Disable  Enable

Server: l2tp.internet.beeline.kz

Tunnel Authentication:

Tunnel Authentication Secret:

PPP Authentication: Auto

PPP Encryption: NONE

UserName: 0013648661

Password: \*\*\*\*\*

PPP Connection Type: Persistent

Idle Time (min):

MTU: 1458

Default Gateway:

Apply Changes

### L2TP Table:

| Select                   | Interface   | Server                   | Tunnel Authentication | PPP Authentication | MTU  | Default Gateway | Action     |
|--------------------------|-------------|--------------------------|-----------------------|--------------------|------|-----------------|------------|
| <input type="checkbox"/> | ppp11_l2tp0 | l2tp.internet.beeline.kz | NONE                  | AUTO               | 1458 | on              | Disconnect |

Delete Selected

# Настройка роутера NTU-RG-5421G-Wac

## ШАГ 5.

Произведите настройки Wi Fi по частоте 2,4 GHz (скриншот 1):

The screenshot shows the configuration interface for the ELTEX NTU-RG-5421G-Wac:rev.B router. The left sidebar contains a navigation menu with the following items: Status, LAN, Wireless (expanded), wlan0 (2.4GHz) (selected), Status, Basic Settings (highlighted with a red box), Advanced Settings, Security, Access Control, Wi-Fi Radar, WPS, wlan1 (5GHz), EasyMesh, WAN, Services, VoIP, Advance, Diagnostics, Admin, and Statistics. The main content area is titled "WLAN Basic Settings" and includes a description: "This page is used to configure the parameters for WLAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters." The configuration options are as follows: "Disable WLAN Interface" (checkbox, unchecked), "Band" (dropdown menu, set to "2.4 GHz (B+G+N)", highlighted with a red box), "Mode" (dropdown menu, set to "AP", with a "Multiple AP" button), "SSID" (text input, set to "ELTX-2.4GHz\_WiFi\_BB94"), "Hide SSID" (radio buttons, "Enabled" and "Disabled", with "Disabled" selected), "Channel Width" (dropdown menu, set to "40MHz"), "Current Channel Width" (text input, set to "40MHz"), "Control Sideband" (dropdown menu, set to "Upper"), "Allowed Channels" (checkboxes for channels 1-13, all checked), "Channel Number" (dropdown menu, set to "Auto"), "Radio Power (%)" (dropdown menu, set to "100%"), "Limit Associated Client Number" (dropdown menu, set to "Disabled"), "Associated Clients" (button, "Show Active WLAN Clients"), "Enable Universal Repeater Mode (Acting as AP and client simultaneously)" (checkbox, unchecked), and "Regdomain" (dropdown menu, set to "RUSSIAN(12)"). An "Apply Changes" button is located at the bottom of the configuration area. The top right corner of the page features the "admin" user name and a "Logout" button.

# Настройка роутера NTU-RG-5421G-Wac

## ШАГ 5 (продолжение) .

Произведите настройки Wi Fi по частоте 2,4 GHz (скриншот 2) :

The screenshot displays the web management interface for the ELTEX NTU-RG-5421G-Wac:rev.B router. The left sidebar shows a navigation menu with 'Security' highlighted under the 'wlan0 (2.4GHz)' section. The main content area is titled 'WLAN Security Settings' and includes a descriptive paragraph: 'This page allows you setup the WLAN security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.' The configuration fields are as follows:

- SSID Type: Root AP - ELTX-2.4GHz\_WiFi\_BB94
- Encryption: WPA2
- Authentication Mode:  Enterprise (RADIUS)  Personal (Pre-Shared Key)
- IEEE 802.11w:  None  Capable  Required
- WPA2 Cipher Suite:  TKIP  AES
- Group Key Update Timer: 86400
- Pre-Shared Key Format: Passphrase
- Pre-Shared Key: [Redacted with asterisks] [Show]
- [Apply Changes]

# Настройка роутера NTU-RG-5421G-Wac

## ШАГ 5 (продолжение) .

**Примечание!** При необходимости можно настроить частоту Wi Fi сети на 5 GHz (скриншот 1) :

The screenshot displays the web management interface for the ELTEX NTU-RG-5421G-Wac:rev.B router. The left sidebar shows a navigation menu with 'Basic Settings' highlighted under the 'wlan1 (5GHz)' section. The main content area is titled 'WLAN Basic Settings' and contains the following configuration options:

- Disable WLAN Interface
- Band: 5 GHz (A+N+AC)
- Mode: AP (Multiple AP)
- SSID: ELTX-5GHz\_WiFi\_B894
- Hide SSID:  Enabled  Disabled
- Channel Width: 80MHz
- Current Channel Width: 80MHz
- Control Sideband: Auto
- Allowed Channels: 36 40 44 48 52 56 60 64 132 136 140 144 149 153 157 161 165 (checkboxes for 36, 40, 44, 48, 52, 56, 60, 64, 132, 136, 140, 144, 149, 153, 157, 161, 165)
- Channel Number: Auto(DFS)
- Radio Power (%): 100%
- Limit Associated Client Number: Disabled
- Associated Clients: Show Active WLAN Clients
- Enable Universal Repeater Mode (Acting as AP and client simultaneously)
- Regdomain: RUSSIAN(12)

The 'Apply Changes' button at the bottom is highlighted with a red box.



# Настройка роутера NTU-RG-5421G-Wac

## ШАГ 5 (продолжение) .

**Примечание!** При необходимости можно настроить частоту Wi Fi сети на 5 GHz (скриншот 2) :

The screenshot displays the configuration interface for the ELTEX NTU-RG-5421G-Wac:rev.B router. The left sidebar shows a navigation menu with 'Security' highlighted in red. The main content area is titled 'WLAN Security Settings' and includes a descriptive paragraph: 'This page allows you setup the WLAN security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.' The configuration fields are as follows:

- SSID Type: Root AP - ELTX-5GHz\_WiFi\_BB94
- Encryption: WPA2
- Authentication Mode:  Personal (Pre-Shared Key)
- IEEE 802.11w:  None
- WPA2 Cipher Suite:  TKIP  AES
- Group Key Update Timer: 86400
- Pre-Shared Key Format: Passphrase
- Pre-Shared Key: [Redacted with asterisks] (highlighted with a red box)

Buttons for 'Apply Changes' and 'Show' are visible at the bottom of the configuration section.

# Настройка роутера NTU-RG-5421G-Wac

## ШАГ 6.

Проверьте статус интернет сессии (**L2TP** и **WAN Configuration** должны перейти в статус UP):

The screenshot displays the web management interface for the ELTEX NTU-RG-5421G-Wac:rev.B router. The interface is divided into several sections:

- System Status:** A table showing hardware and system information. The 'Image 1 Firmware Version (Active)' is highlighted with a red box, showing version 2.5.1.166.
- LAN Configuration:** A table showing LAN settings. The IP Address is 192.168.1.1, Subnet Mask is 255.255.255.0, DHCP Server is Enabled, and MAC Address is cc:9d:a2:d5:bb:94.
- WAN Configuration:** A table showing WAN interface settings. The 'Status' column for the 'nas0\_0' interface is highlighted with a red box and shows 'up'.
- L2TP Configuration:** A table showing L2TP session settings. The 'Status' column for the 'ppp11' interface is highlighted with a red box and shows 'up'.

The left sidebar contains a navigation menu with the following items: Status, Device (highlighted with a red box), IPv6, PON, LAN, VoIP, LAN, Wireless, WAN, Services, VoIP, Advance, Diagnostics, Admin, and Statistics.

# Настройка роутера NTU-RG-5421G-Wac

## ШАГ 7.

Проверьте доступ в интернет.

Приятного пользования 😊