

# TAP200 Firmware Downloads

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This page contains firmware files for TAP200 devices. Look to the table below or the [changelog](#) to find download links.

To upgrade firmware using WebUI, follow the instructions in [TAP200 Firmware](#).

## TAP200

File	Type	Release date	Size	MD5	Changelog
<a href="#">TAP200_R_00.07.08_WEBUI.bin</a>	Latest FW	2024.07.18	9.81 MB	ae4a698bacb5e0dc5a5850679478d9d6	<a href="#">Link</a>
<a href="#">TAP200_R_00.07.07.3_WEBUI.bin</a>	Mass production FW	2024.06.25	9.69 MB	316a2b23f285849af9c58d6e12a9fada	<a href="#">Link</a>
<a href="#">TAP200_R_GPL_00.07.08.tar.gz</a>	SDK	2024.07.18	29.26 MB	73c85da9bcc9ff59f3f046b0725163f0	

## FW checksums

Checksums for firmware files can be found [here](#).

## Changelog

### [TAP200\\_R\\_00.07.08](#) | 2024.07.18

- **New**
  - **Network**
    - 802.1X: added client support
  - **Services**
    - Wifi Scanner: added support
  - **System**
    - API Core: added option to configure api session timeout
    - UI Core: added data analytics support
    - Update Firmware: added warning message about device being temporarily unreachable on firmware update
- **Improvements**
  - **Network**
    - Wireless: added warning when user configures mesh on radio with automatic frequency channel
    - Wireless: added support for wireless MAC-filter MAC ranges
    - Wireless: changed Radius Accounting port is not required when configuring access point with enterprise encryption
    - Wireless: enabled ACS(automatic channel selection) for 5 GHz radios by default
    - Wireless: refactored radio configuration page layout

- Wireless: refactored assignment of wireless interfaces MAC addresses, STA interface will always use fixed address
- **Services**
  - stunnel: updated version to 5.72
- **System**
  - Access Control: added certificate key length warnings
  - Access Control: adjusted access control when all pages are blocked
  - Access Control: added certificate file download for CLI to work on all browsers
  - API Core: implemented functionality to include warning messages for vulnerable certificates
  - Boot: enabled HW watchdog in bootloader
  - RutOS: improved GPL example page to align with new software architecture
  - Troubleshoot: added support for multiple syslog servers
  - UI Core: added additional message with IP address to loading screen for scenarios when redirect to different IP address happens
  - UI Core: added toast message hiding when text is too long
  - Update Firmware: added 'Firmware version' data in screen after firmware upload
  - WebUI: added functionality to cancel loading screen if it takes 30 or more seconds
  - WebUI: removed all ubus method calls from webui
  - WebUI: added password generator for first login modal
  - WebUI: added sticky position to side menu
  - WebUI: added default password hint to login error message
  - WebUI: added warning messages for low-security certificates
  - Kernel: updated version to 5.10.217
  - libexpat: updated version to 2.6.2
  - SSL/TLS: updated version to 3.0.14
  - vue: updated version to 3.4
- **Fix**
  - **Network**
    - Network: fixed overriding MAC address for interfaces that are bridged
    - Network: fixed missing default route when static mode is selected
    - Network: fixed tapxxx.rutos.net DNS resolution
    - Wireless: fixed wireless scan results sometimes not being returned
    - Wireless: fixed 5 GHz Wi-Fi scanning is prohibited when a DFS channel and ETSI regulatory domain is selected
    - Wireless: fixed Wi-Fi 5 GHz unsupported channel selection issue on specific widths
    - Wireless: fixed API POST validation without sending "mode" option
    - Wireless: removed the ability to have different countries in radio configurations
    - Wireless: fixed interface delete when it's unassigned from the wireless interface in access point mode
    - Wireless: fixed backticks for WiFi SSID are not allowed in WebUI
  - **System**
    - Access Control: fixed download certificate button to be visible
    - Administration: fixed repeated validation on cleared inputs and added validation when new password matches the old one
    - API Core: fixed API method validation during upload action
    - API Core: fixed error messages for POST method
    - API Core: fixed option list validation
    - Boot: fixed factory settings restore (firstboot) not deleting hidden files
    - Events Log: fixed refresh button in event log table
    - IP Block: fixed adding MAC addresses back to whitelist when unblocking all of

them

- System Status: fixed wireless MAC address display value if radio is disabled
- Troubleshoot: fixed system log and kernel log buttons to be enabled with read only rights
- Update Firmware: fixed misleading "Firmware version" status of "N/A" to "FOTA service is disabled" when FOTA is disabled
- Update Firmware: fixed issue when infinite spinner appears after updating device firmware from server without having internet connection

- **CVE Patches**

- Patched CVE-2023-52425
  - Patched CVE-2023-52530
  - Patched CVE-2024-25629
  - Patched CVE-2024-28757
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## [TAP200\\_R\\_00.07.07.3](#) | 2024.06.25

- **Fix**

- **Network**

- WebUI: fixed port advertisement change

- **System**

- FOTA: fixed config when upgrading from older firmware with keep settings

- **CVE Patches**

- CVE-2024-31950
  - CVE-2024-31951
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## [TAP200\\_R\\_00.07.07.2](#) | 2024.06.12

- **Improvements**

- **Services**

- Wireless: removed unnecessary information from system logs

- **System**

- SSH: removed weak SSH algorithms

- **Fix**

- **System**

- IP Block: fixed blocking of UDP traffic
- Ledman: fixed WiFi LED indication when WiFi configuration is changed

- **CVE Patches**

- CVE-2024-31948
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## [TAP200\\_R\\_00.07.07.1](#) | 2024.05.03

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- **New**

- **Network**

- Wireless: added mesh support

- **System**
  - WebUI: added the ability to generate random passwords for password input fields
  - WebUI: added reset to “Factory defaults” option
  - System: changed firmware certificate verification tool
  - IP Block: added time-based login attempt blocking
  - WebUI: added firmware update notification support
  - Logging: added multiple remote syslog servers support
- **Improvements**
  - **Services**
    - WebUI: moved licenses to footer
  - **System**
    - WebUI: adjusted responsive design breakpoints
    - WebUI: added more strict password requirements for restoring backup
    - WebUI: changed firmware update option to server as a default option
    - WebUI: improved first login password change logic
    - GPL: added offline package preparation command for GPL builds
    - Kernel: updated version to 5.10.210
    - Libcap: updated package version to 2.69
- **Fix**
  - **System**
    - WebUI: fixed an issue when a user was not logged out after changing profiles
    - CLI: fixed enter key issue on mobile chromium based browsers
- **CVE Patches**
  - CVE-2022-4603
  - CVE-2022-23308
  - CVE 2022-45061
  - CVE-2023-0466
  - CVE-2023-6129
  - CVE-2023-7042
  - CVE 2023-24329
  - CVE 2023-27043
  - CVE-2023-31083
  - CVE-2023-42366
  - CVE-2023-46218
  - CVE-2023-46219
  - CVE-2023-46752
  - CVE-2023-46753
  - CVE-2023-48795
  - CVE-2024-2397
  - CVE-2024-25062
  - CVE-2024-27913
  - CVE-2024-22365

**[TAP200\\_R\\_00.07.06.10](#) | 2024.04.04**

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- Global changelog for **R\_00.07.06.10** - [LINK](#)

**TAP200\_R\_00.07.06.8 | 2024.03.25**

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- Firmware **R\_00.07.06.8** was removed due to an issue with inefficient memory allocation for LED control.

## [TAP200\\_R\\_00.07.06.6](#) | 2024.03.04

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- Global changelog for **R\_00.07.06.6** - [LINK](#)

## [TAP200\\_R\\_00.07.06.5](#) | 2024.02.21

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- Global changelog for **R\_00.07.06.5** - [LINK](#)

## [TAP200\\_R\\_00.07.06.3](#) | 2024.01.17

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- Global changelog for **R\_00.07.06.3** - [LINK](#)

## [TAP200\\_R\\_00.07.06.1](#) | 2024.01.04

- **Fix**
  - **Services**
    - Fixed issue with NTPclient zombie processes

## [TAP200\\_R\\_00.07.06](#) | 2023.12.20

- **New**
  - **Network**
    - Added 802.11v BSS Transition Management and 802.11k Radio Resource Measurement
  - **WebUI**
    - Renewed user interface design
    - Added network interface name change functionality
  - **System**
    - API support
- **Improvements**
  - **Network**
    - Added two radio support on one SSID in Wireless
  - **WebUI**
    - Improved Events Log page loading by adding asynchronous pagination (pasikeitė puslapiavimo logika nei prieš tai buvusi)
    - Added auto redirect after changing router's IP address or port
    - Moved device menu entry "Reboot" to header menu
  - **System**
    - Updated hostapd version to 2023-09-08
    - Updated mt76 package version to 2022-12-22
    - Updated kernel version to 5.4.259

- Added RMS data display to generated troubleshoot
- Added process activity load list to generated troubleshoot
- **Fix**
  - **Network**
    - Fixed ethernet link not working with some 100 Mbit switches
    - Fixed concurrent Wireless STA and AP functionality on 5 GHz band
  - **Services**
    - Added minimum free space check when saving logs to flash in Logging service
  - **WebUI**
    - Fixed side menu style issues when Japanese language is used
    - Fixed displaying of vendor names in Topology page
    - Fixed language packs being selectable when still in Package Manager queue
    - Fixed realtime graphs responsive design issues
    - Fixed wireless realtime data to show signal as unavailable with no connected clients
    - Fixed setup wizard errors in Wireless configuration page
  - **System**
    - Patched OpenSSL CVE-2023-3446
    - Patched OpenSSL CVE-2023-3817
    - Patched LibXML2 CVE-2023-39615
    - Patched LibXML2 CVE-2023-45322
    - Fixed running out of space when SSHFS is mounted in /tmp while generating troubleshoot

## [TAP200\\_R\\_00.07.05.5](#) | 2023.11.13

- **Fixes**
  - **Network**
    - Fixed ethernet link not working with some 100Mbit switches

## [TAP200\\_R\\_00.07.05.4](#) | 2023.11.09

- **Improvements**
  - **WebUI**
    - Improved asynchronous pagination in events log pages
    - Optimized Overview page load
    - Added resource loading cancellation after switching to different page

## [TAP200\\_R\\_00.07.05.1](#) | 2023.10.26

- **New**
  - Initial firmware release