

RUT361 Firmware Downloads

[Main Page](#) > [RUT Routers](#) > [RUT361](#) > **RUT361 Firmware Downloads**

This page contains firmware files for RUT361 devices. Look to the table below or the [changelog](#) to find download links.

To upgrade firmware using WebUI, follow the instructions in [RUT361 Firmware](#).

RUT361

File	Type	Release date	Size	MD5	Changelog
RUT361_R_00.07.07.1_WEBUI.bin	Latest FW	2024.05.03	11.44 MB	cde6d5043c1f5a093fd25baf9aa600e3	Link
RUT361_R_00.07.06.10_WEBUI.bin	Mass production FW	2024.04.04	11.19 MB	5b73a84646c8c33ede8a7d6795602e92	Link
RUT361_R_GPL_00.07.07.1.tar.gz	SDK	2024.05.03	20.61 MB	680352ca241d6b018147f1c7a5b7ad09	

Note: packages for [Package Manager](#) are independent from firmware and can be downloaded in the [Package Downloads](#) page.

FW checksums

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

Changelog

[RUT361_R_00.07.07.1](#) | 2024.05.03

- **New**
 - **Network**
 - WebUI: added ESM/EMM message notifications
 - WebUI: added internet status tracking configuration and overview widget
 - LAN: added a new IPv6 LAN status page
 - Static Leases: added a new IPv6 Static Leases page
 - WebUI: added custom domain name resolve option in “DNS” configuration page
 - Auto APN: added “uno.au-net.ne.jp” APN for “KDDI” operator
 - Auto APN: added 'eprivate010.tisparkle.com' APN for “Sparkle” operator
 - QoS: added mobile interface select option
 - Mobile: improved connection establish time for uqmi protocol
 - Failover: added additional connection flush options
 - Wireless: added auto-reconnect disable functionality
 - Wireless: added ability to use PKCS#12 certificates for EAP-TLS authentication
 - VRF: added initial Virtual Routing and Forwarding support

- **Services**
 - Post/Get: added I/O invert support
 - DLMS Client: added persistent TCP connections
 - Events Reporting: added unexpected shutdown event
 - Modbus Client: added 64bit data types
 - IPPerf3: added iPerf3 to Package Manager
 - DNP3 Outstation: added I/O objects
 - TR-069: added PCI, LAC, TAC, EARFCN and Neighbour cells data to Device.MobileInfo node
 - Hotspot: added domain and subdomain options for external landing page
- **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
 - PAM: added the ability to set port for TACACS+
 - Logging: added multiple remote syslog servers support
- **Improvements**
 - **Network**
 - Static Leases: added possibility to use MAC with wildcard
 - WebUI: added ability to disable modem update notifications
 - Topology: changed network devices scanning application
 - WebUI: improved design of Status - LAN page
 - DHCP: simplified DHCP configurations in other pages and moved full DHCP configuration to a separate page
 - DHCP: removed default disabled server configuration for WAN interface
 - WebUI: simplified data entry of DNS forwardings by separating hostname and IP address fields
 - BGP: added Virtual Routing and Forwarding (VRF) support
 - BGP: added multiple BGP instance support
 - WebUI: adjusted responsive design breakpoints
 - WebUI: added additional field for warning threshold to allow entering value as percentage in Mobile Data Limit section
 - Mobile: improved mobile services stability when SIM card is lost during SMS sending
 - Mobile: updated bridge/passthrough mode logic to flush ARP and add static ARP entry if MAC is specified
 - Mobile: improved SIM switch logging and protection on failure to acquire data
 - MWebUI: added partial data loading to APN database page
 - Mobile: improved SMS sending timeouts during network issues
 - Mobile: improved connection handling when data limit is reached
 - Mobile: added metric to default gateway when using passthrough mode
 - WebUI: added validation for 2 same APNs
 - WebUI: updated Band selection field to show duplex modes in Mobile General page
 - WebUI: added an information icon and disabled delete button for wireless instance when it is associated with a hotspot interface
 - Wireless: improved hidden AP handling when showing scan results
 - Dnsmasq: updated dnsmasq to version 2.89
 - **Services**

- Wireguard: added option to bind tunnel to a specific interface
- OPC UA Client: added limits (10 servers, 20 groups, 50 nodes per server, 50 values per group)
- DLMS Client: increased maximum count of connection sections to 30
- DLMS Client: added short name referencing
- SNMP: set strict default community access when IPv6 address is used
- SNMP: improved sysName OID to set device's hostname
- Auto Reply: added available SMS message parameters to "Message text" input
- Modbus Client: allow using diacritics in SMS alarms
- Hotspot: moved MAC blocking option from Access Control to Hotspot page
- WebUI: added MAC authentication support when using RADIUS authentication mode
- WebUI: moved licenses to footer
- OpenVPN: added the bridge option for selecting the network device to be bridged with
- OpenVPN: added possibility to create more than one TAP client
- SSTP: updated package version to 1.0.19
- Mosquitto: updated package version to 2.0.17
- **System**
 - WebUI: added more strict password requirements for restoring backup
 - SMTP: added option to either not verify SMTP server or upload SMTP server's CA file to verify authenticity
 - WebUI: Added the ability to choose the ROOT CA when using certificates from the device
 - WebUI: unified time format to ISO8601 across the entire WebUI
 - WebUI: added ability to choose imported certificate and key as 'Server certificate' and 'Server key' in 'Access Control'
 - WebUI: added 'Hosts' and 'IP Addresses' options for 'Simple' certificate generation and certificate signing
 - WebUI: changed firmware update option to server as a default option
 - WebUI: improved first login password change logic
 - Certificates: updated Root CA certificates
 - GPL: added offline package preparation command for GPL builds
 - Speedtest: added multiple connections support to improve accuracy
 - Kernel: updated to version 5.15.149
 - Libcap: updated package version to 2.69
- **Fix**
 - **Network**
 - Topology: fixed showing interfaces with assigned VLAN
 - WebUI: fixed static routing creation for GRE instance
 - Network: fixed DHCPv4 relay mode enabling
 - Mobile: fixed PIN code set after modem restart
 - Mobile: fixed an issue where using SIM change command on one SIM slot modems would reset connection
 - Mobile: fixed an issue where message storage would not be checked correctly
 - Mobile: fixed temperature value sometimes returning 0
 - Mobile: fixed denied roaming flag set
 - Failover: fixed Failover missing active rules when using multiple source and destination IP addresses
 - Failover: fixed an issue where failover would not function correctly while using a mobile interface

- WebUI: fixed network and failover interface metric sorting synchronization issue
- WebUI: fixed failover rule policy save issue with newly added WAN interface
- Interfaces: fixed failover value for new WAN being taken from WAN that was just deleted
- Wireless: fixed Wifi Scanner not saving scanned WiFi SSIDs
- Wireless: fixed missing CCMP-256 and GCMP-256 cipher types in scan results
- Wireless: fixed missing GCMP-256 cipher when using WPA3-EAP encryption in Client mode
- Wireless: fixed skipped MAC address value for interface in Client mode
- Wireless: fixed scanning issue when connected via the same network
- Wireless: fixed mesh functionality
- Wireless: fixed missing signal strength value on Client interfaces
- Wireless: fixed Client interface taking excessive time to connect after boot
- Wireless: fixed missing EAP authentication in Client mode
- WebUI: fixed mesh nodes not being shown in Status->Wireless->Interfaces page
- WebUI: fixed proposed configuration settings when connecting to a mesh point network
- Wireless: fixed connected wireless clients being shown duplicated
- MultiAP: fixed client not switching to another AP if incorrect password was provided
- **Services**
 - Modbus Client: allow using negative floating point values in requests
 - Azure IoT Hub: fixed Data to Server minor WebUI dependency bugs
 - Data to Server: fixed DLMS data formatting
 - Data to Server: fixed Network link state data display
 - DLMS Client: fixed segfault while reading profile generic COSEM object
 - DLMS Client: fixed profile generic entries reading
 - DLMS Client: fixed application memory allocation issues
 - SSTP: fixed route adding when default route is enabled
 - SNMP: fixed VLAN OID naming
 - OpenVPN: added fixes for instance status tracking functionality
 - OpenVPN: resolved uptime counting issues
 - Azure IoT Hub: fixed 'contentType' telemetry message parameter
 - Hotspot: fixed password validation for locally created users and signed-up users
 - Hotspot: fixed session invalidation after deleting registered user
 - Hotspot: fixed SMS OTP password reuse
 - Hotspot: fixed firewall rule creation
 - PPTP: fixed problem related with routes when failover is enabled
 - Modbus Client: fixed issue where service freezes when SMS alarm is sent
 - WebUI: fixed data loading error in Input/Output > Post/Get page
 - PPTP: fixed PPTP instance deletion problem
 - UPnP: updated package version to 2.3.4
- **System**
 - NTP Client: fixed 'Count of time synchronizations' execution when synchronization to mobile operator is chosen
 - Package Manager: fixed spinner message when restarting network after package upload or download
 - Package Manager: fixed supported devices check when installing a package from server
 - WebUI: fixed language install from uploaded package after upgrade with keep settings

- WebUI: fixed an issue when a user was not logged out after changing profiles
- Telnet: fixed segmentation fault during concurrent connections
- CLI: fixed enter key issue on mobile chromium based browsers
- System Users: fixed SSH session close after deleting user or disabling SSH access
- Profiles: fixed profile migration with installed packages
- WebUI: fixed Hotspot log page table search functionality
- Speedtest: fix missing download speed on some servers
- PAM: updated libpam to version 1.6.0

- **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-2023-42366
- 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

[RUT361_R_00.07.06.10](#) | 2024.04.04

- Global changelog for **R_00.07.06.10** - [LINK](#)

RUT361_R_00.07.06.8 | 2024.03.25

- Firmware **R_00.07.06.8** was removed due to an issue with inefficient memory allocation for LED control.

[RUT361_R_00.07.06.6](#) | 2024.03.04

- Global changelog for **R_00.07.06.6** - [LINK](#)

[RUT361_R_00.07.06.5](#) | 2024.02.21

- Initial FW release for the RUT361 device