



Nebula NR7101 Release Note

Firmware V1.16 Patch 0

Date: Oct 20, 2023

Zyxel Nebula NR7101

V1.16(P0)C0 Release Note

Overview

This document provides firmware release information on Zyxel NR7101, new features and enhancements, bug fix, known issues and workarounds information for Release V1.16 Patch0 C0.

This Firmware is for Nebula NR7101 only (Part Number: NR7101-EUZNN1F), NOT for on premise models.

Model	Part Number	Description
NR7101	NR7101-EU01V1F	5G NR Outdoor Router
Nebula NR7101	NR7101-EUZNN1F	Nebula cloud-managed 5G NR Outdoor Router

Supported Platforms

- Nebula NR7101 V1.16(ACCC.0)C0

New Features and Enhancements

1. Add object of PhyCellIdLockedList for TR98
2. Zyxel LCM options in OPAL devices.
3. Add 5G parameters of TR98
4. Add rom convert to support Dual SIM function
5. The page "Agentà ContorlleràMQTT" change to "MQTTà Agentà Controller"
6. Add TR-471 test item in Diagnostic page
7. Add new feature that can set different APN in in different SIM slots for Dual SIM.

Bug fix

1. [eITS Ticket #230300541] NR7101: show IPv6 prefix and prefix length on GUI
2. [eITS Ticket #230701467] NR7101: remove dropbear pubkey
3. [Vulnerability] Fix WPS vulnerability in WLAN
4. [eITS Ticket # 230300593] attach behavior
5. [eITS Ticket # 230500979] Add BandwidthDownIndex and BandwidthUpIndex to scc
6. [eITS Ticket # 230300772] No dual SIM failover happened
7. [Vulnerability] Potential buffer overflow in CGI
8. [eITS Ticket # 220900596] Fix infinite loop in the ping of diagnostic when input IPv6 addresses.
9. [eITS Ticket # 221200524] USP Boot when changing broker
10. [eITS Ticket # 221201311] WebGUI Missing cellular info
11. [eITS Ticket # 230100554] Baseband not shown without SIM card
12. [eITS Ticket # 230101369] APN change causing LAN disconnection
13. [eITS Ticket # 230101370] certificate dates
14. [eITS Ticket # 220900182] Device.SoftwareModules.InstallDU() doesn't handle https and command-injection issue
15. [eITS Ticket # 221000453] NTP Client
16. [eITS Ticket # 221001636] USP: Map Bandwidth ID from driver to actual BW in MHz
17. [eITS Ticket # 221001646] USP: Unnecessary parameter RSSI
18. [eITS Ticket # 221001652] UDP: Add eNBID/siteid to datamodel

- 19. [eITS Ticket # 221100294] obuspa client restarts during
- 20. [eITS Ticket # 221101479] Set "Device.Cellular.X_ZYXEL_Refresh_Interval" to an empty value disconnects cellular WAN
- 21. [eITS Ticket # 221100532] USP: Issues with ExecutionUnit.{i}.SetRequestedState() and/or ExecutionUnit.{i}.Status
- 22. [eITS Ticket # 221200525] Add LAN-client OUI to data-model
- 23. [eITS Ticket # 221200526] Band numerical value
- 24. [eITS 230800518] LIVE TOOL "WLAN station timeout" when the device has over 10 WLAN device ,live tool WLAN station will timeout

Limitation of Settings:

N/A

Default Setting:

- 1. Account for GUI:

Username	Password
Admin	Refer to device back label

- 2. Default URL: <http://192.168.1.1> is for the device GUI login