

# Quectel RM551E-GL

IoT/eMBB-Optimized

5G Sub-6 GHz & mmWave M.2 Module



## RM551E-GL-00AA

## Release Notes

### 5G Module Series

Rev. RM551E-GL-00AA\_Firmware\_Release\_Notes\_V0101\_01.001.01.001

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## 1. Release Content

This document provides the Release Notes for RM551E-GL-00AA. The current firmware includes the following software firmware package.

Package	Firmware Version	Configuration Version
Firmware	RM551EGL00AAR01A01M8G	01.001.01.001

## 2. Matters Needing Attention

SN	Item
[1]	To extend the service life of flash, it is recommended that the total number of operations related to powering on/off the module, CFUN switching, SIM card hot swapping, dual-SIM switching, or repeated execution of NVM commands should not exceed 30 times per day.
[2]	It is not recommended to directly modify the pre-set APN profiles. Please create an APN profile after the existed CID number. Suppose you modify the APN profile of IMS, SOS, etc. with added specific attributes, these attributes are hidden after modification, causing the profile to still be unavailable.
[3]	Windows Host driver integrates the NDIS driver and RNDIS driver, and uses PID to specify different network interfaces. The PID supported by NDIS network interface is 0x0122, and the PID supported by RNDIS network interface is 0x0133. If <b>AT+QCFG="USBCFG"</b> is executed for the relevant configuration, the <b>&lt;PID&gt;</b> parameter in the command must be set according to the network interface to prevent the yellow label problem.
[4]	M.2 module is encapsulated without SPI, and SLIC cannot be mounted on the module.

### 3. Release History

#### 3.1. Firmware Release History

Firmware Version	Configuration Version	Description
RM551EGL00AAR01A01M8G	01.001.01.001	Only for sample

#### 3.2. New Features

RM551EGL00AAR01A01M8G_01.001.01.001	
Item	Brief Description
/	/

#### 3.3. Improved Features

RM551EGL00AAR01A01M8G_01.001.01.001	
Item	Brief Description
/	/

### 3.4. Known Issues

Item	Bug Description
/	/

#### NOTE

Verification Environment is shown below. For more details, please contact Quectel Technical Support.

For Windows: Windows10

USB Driver: Quectel\_Windows\_USB\_Driver(Q)\_V1.0.2

Qflash Tool: QFlash\_V7.0

For Linux:

QMI\_WWAN Driver: Quectel\_Linux\_Android\_QMI\_WWAN\_Driver\_V1.2.6

GobiNet Driver: GobiNet\_Lateset

QFirehose Tool: QFirehose\_Linux\_Android\_V1.4.19

Quectel-CM Tool: Quectel\_QConnectManager\_Linux\_V1.6.0.26

QLog Tool: QLog\_Linux\_Android\_V1.5.21

## 4. Functions List

Category	Item	Supported Version (Since)	Note
Basic Function	Data Call	RM551EGL00AAR01A01M8G_01.001.01.001	/
	Diagnosis	RM551EGL00AAR01A01M8G_01.001.01.001	/
	Emergency Call	RM551EGL00AAR01A01M8G_01.001.01.001	/
	Thermal Management	RM551EGL00AAR01A01M8G_01.001.01.001	/
	VoLTE	RM551EGL00AAR01A01M8G_01.001.01.001	/
	VoNR	RM551EGL00AAR01A01M8G_01.001.01.001	/
	PHB	RM551EGL00AAR01A01M8G_01.001.01.001	/
	Upgrade	RM551EGL00AAR01A01M8G_01.001.01.001	/
	SMS	RM551EGL00AAR01A01M8G_01.001.01.001	/
Audio Function	Audio	RM551EGL00AAR01A01M8G_01.001.01.001	/
	SLIC	RM551EGL00AAR01A01M8G_01.001.01.001	/
Interface Function	USXGMI	RM551EGL00AAR01A01M8G_01.001.01.001	/
	PCIe	RM551EGL00AAR01A01M8G_01.001.01.001	/
	USB	RM551EGL00AAR01A01M8G_01.001.01.001	/
	SGMII	RM551EGL00AAR01A01M8G_01.001.01.001	/
	UART	RM551EGL00AAR01A01M8G_01.001.01.001	/
Interface Protocol	ECM	RM551EGL00AAR01A01M8G_01.001.01.001	/
	RmNet	RM551EGL00AAR01A01M8G_01.001.01.001	/
	RNDIS	RM551EGL00AAR01A01M8G_01.001.01.001	/
Locate Function	AGPS	RM551EGL00AAR01A01M8G_01.001.01.001	/
Protocol Function	NTP	RM551EGL00AAR01A01M8G_01.001.01.001	/
	NITZ	RM551EGL00AAR01A01M8G_01.001.01.001	/

	TCP	RM551EGL00AAR01A01M8G_01.001.01.001	/
	UDP	RM551EGL00AAR01A01M8G_01.001.01.001	/
	QMI	RM551EGL00AAR01A01M8G_01.001.01.001	/
	FTP	RM551EGL00AAR01A01M8G_01.001.01.001	/
RF Function	FTM	RM551EGL00AAR01A01M8G_01.001.01.001	/
Security Function	Secure Boot	RM551EGL00AAR01A01M8G_01.001.01.001	/
	SIMlock	RM551EGL00AAR01A01M8G_01.001.01.001	/
	(U)SIM	RM551EGL00AAR01A01M8G_01.001.01.001	/
	(U)SIM Hotswap	RM551EGL00AAR01A01M8G_01.001.01.001	/
SIM Function	DSDS	RM551EGL00AAR01A01M8G_01.001.01.001	/
	DSSS	RM551EGL00AAR01A01M8G_01.001.01.001	/
	eSIM	RM551EGL00AAR01A01M8G_01.001.01.001	/
	SAR	RM551EGL00AAR01A01M8G_01.001.01.001	/
	Time Service	RM551EGL00AAR01A01M8G_01.001.01.001	/
	Slice	RM551EGL00AAR01A01M8G_01.001.01.001	/
	uRLLC	RM551EGL00AAR01A01M8G_01.001.01.001	/
Special Function	SUL	RM551EGL00AAR01A01M8G_01.001.01.001	/
	5G LAN	RM551EGL00AAR01A01M8G_01.001.01.001	/
	UAC	RM551EGL00AAR01A01M8G_01.001.01.001	/
	Low Power	RM551EGL00AAR01A01M8G_01.001.01.001	/
	Wi-Fi	RM551EGL00AAR01A01M8G_01.001.01.001	/
	Wi-Fi 6	RM551EGL00AAR01A01M8G_01.001.01.001	/
Wi-Fi Function	Wi-Fi 6E	RM551EGL00AAR01A01M8G_01.001.01.001	/
	Wi-Fi 7	RM551EGL00AAR01A01M8G_01.001.01.001	/



## About Quectel

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With regional offices and support across the globe, our international leadership is devoted to advancing IoT and building a smarter world.

