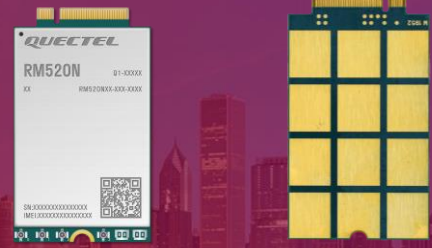


Quectel RM520N-GL

IoT/eMBB-Optimized

5G Sub-6 GHz M.2 Module



RM520N-GL-AA

Release Notes

5G Module Series

Rev. RM520N-GL-AA_Firmware_Release_Notes_V0106_12.001.12.001

Date: 2022-12-26

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<http://www.quectel.com/support/sales.htm>.

For technical support, or to report documentation errors, please visit:

<http://www.quectel.com/support/technical.htm>

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Contents

Contents	2
1. Release Content	3
2. Matters Needing Attention	3
3. Release History	4
3.1. Firmware Release History.....	4
3.2. New Features.....	4
3.3. Improved Features.....	4
3.4. Known Issues.....	5
4. Functions List	6

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1. Release Content

This document provides the Release Notes for RM520N-GL-AA. The current firmware includes the following software firmware package information.

Package	Version
Firmware	RM520NGLAAR01A06M4G_12.001.12.001

2. Matters Needing Attention

SN	Item
[1]	Relevant technical controls have been carried out to restrict normal network registration in regions such as RUS and IRN, thus ensuring that the module can be used only for civilian applications

3. Release History

3.1. Firmware Release History

Firmware Release	Description
RM520NGLAAR01A06M4G_12.001.12.001	Mass production

3.2. New Features

RM520NGLAAR01A06M4G_12.001.12.001	
Item	Brief Description
GENERAL	Set <fun> of AT+CFUN to 0 (minimum functionality) by default.

3.3. Improved Features

RM520NGLAAR01A06M4G_12.001.12.001	
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:

USB Driver: Quectel_Windows_USB_Driver(Q)_NDIS_V2.4.6

Qflash Tool: QFlash_V6.1

For Linux:

QMI_WWAN Driver: Quectel_Linux_QMI_WWAN_Driver_V1.2.1

PCIE Driver: Quectel_Linux_PCIE_MHI_Driver_V1.3.1

QFirehose Tool: QFirehose_Linux_Android_V1.4.8

Quectel-CM Tool: Quectel_QConnectManager_Linux_V1.6.0.26

QLog Tool: Quectel_QLog_Linux&Android_V1.4.17

4. Functions List

Category	Item	Supported Version (Since)	Note
Basic Function	SMS	RM520NGLAAR01A06M4G_12.001.12.001	/
	Network	RM520NGLAAR01A06M4G_12.001.12.001	/
File Function	UFS	RM520NGLAAR01A06M4G_12.001.12.001	/
Protocol Function	QMI	RM520NGLAAR01A06M4G_12.001.12.001	/
	NITZ	RM520NGLAAR01A06M4G_12.001.12.001	/
	LwM2M	RM520NGLAAR01A06M4G_12.001.12.001	/
Interface Function	UART	RM520NGLAAR01A06M4G_12.001.12.001	/
	USB	RM520NGLAAR01A06M4G_12.001.12.001	/
	MBIM	RM520NGLAAR01A06M4G_12.001.12.001	/
	RmNet	RM520NGLAAR01A06M4G_12.001.12.001	/
	PCIE	RM520NGLAAR01A06M4G_12.001.12.001	/
Locate Function	AGPS	RM520NGLAAR01A06M4G_12.001.12.001	/
Upgrade Function	DFOTA	RM520NGLAAR01A06M4G_12.001.12.001	/
SIM Function	DSSS	RM520NGLAAR01A06M4G_12.001.12.001	/
	(U)SIM Detection	RM520NGLAAR01A06M4G_12.001.12.001	/
Special Function	Wi-Fi 6	RM520NGLAAR01A06M4G_12.001.12.001	/
	Low Power	RM520NGLAAR01A06M4G_12.001.12.001	/
	RF RX FTM	RM520NGLAAR01A06M4G_12.001.12.001	/
	RF TX FTM	RM520NGLAAR01A06M4G_12.001.12.001	/

		12.001.12.001
Thermal Mitigation		RM520NGLAAR01A06M4G_ 12.001.12.001
5G Function	5G	RM520NGLAAR01A06M4G_ 12.001.12.001

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About Quectel

Quectel Wireless Solutions is the leading global supplier of cellular and GNSS modules, with a broad product portfolio covering the most recent wireless technologies of 5G, LTE/LTE-A, NB-IoT/LTE-M, UMTS/HSPA(+), GSM/GPRS and GNSS. As a professional IoT (Internet of Things) technology developer and cellular module supplier, Quectel is able to provide one-stop services for IoT cellular modules. Quectel products have been widely applied in IoT/M2M fields including smart payment, telematics and transport, smart energy, smart cities, security, wireless gateways, industry, healthcare, agriculture, and environment monitoring.

