



RZ608 / RZ616

Release Notes

WHQL Combo Driver Package

Release 0.7.9, August 31, 2021



1 Introduction

This document contains information about the software combo driver release. The combo driver package supports both RZ608 and RZ616 modules for Windows 10 and Windows 11. Win 11 is required for 6GHz support.

1.1 Supported Windows Versions

This driver package supports Windows 10 and Windows 11, 64-bit operating systems.

1.2 Supported Module List

The driver package supports the following modules:

Module	Description
RZ608	Wi-Fi 6E 2T2R 80MHz+ Bluetooth v5.2 Combo Chip
RZ616	Wi-Fi 6E 2T2R 160MHz + Bluetooth v5.2 Combo Chip

2 Version Information

2.1.1 Wi-Fi Driver Version*

Driver	Version	WHQL Signed
Wi-Fi (D3Hot)	08/20/2021, 3.02.00.0212	YES
Wi-Fi (D3Cold)	08/20/2021, 3.02.00.0213	YES

*Note: For details of D3Hot and D3Cold differences, contact your AMD CE representative.

2.1.2 Bluetooth Driver Version

Driver	Version	WHQL Signed
BT	08/17/2021, 1.4.14.134	YES



2.1.3 COMBO Driver Version Release History

Release	Date	Version	WHQL signed
R0.7.0	2021/04/29	Wi-Fi 3.2.0.0085 BT 1.4.13.116	NO
R0.7.1	2021/06/07	Wi-Fi 3.2.0.0119 BT 1.4.13.119	NO
R0.7.3	2021/06/23	Wi-Fi 3.2.0.0135 BT 1.4.13.124	NO
R0.7.7	2021/07/16	Wi-Fi 3.2.0.0182 BT 1.4.14.128	YES
R0.7.8	2021/07/31	Wi-Fi 3.2.0.0192 (D3Hot) BT 1.4.14.132	YES
R0.7.85	2021/08/13	Wi-Fi 3.2.0.0199 (D3Hot) Wi-Fi 3.2.0.0200 (D3Cold) BT 1.4.14.133	YES
R0.7.9	2021/08/31	Wi-Fi 3.02.00.0212 (D3Hot) Wi-Fi 3.02.00.0213 (D3Cold) BT 1.4.14.134	YES



3 Change List

3.1 R0.7.0 (R1.0) Change List

RZ608 / RZ616 1st formal release combo driver version.

3.2 R0.7.1 (R1.1) Change List

Item	Description
BT	Support new MSFT sign to add Attestation folder
Wi-Fi / BT	Add to support RZ608 and RZ616 new ID
Wi-Fi	Removed old RZ608 ES sample ID support
Wi-Fi	Fixed RZ608 and RZ616 PME wake fail issue
Wi-Fi	Updated RF calibration flow to fix 5G DL throughput low issue
Wi-Fi	D3 Cold capability enable
Wi-Fi	Fixed Wi-Fi card missing, BSOD or YB when doing PLDR test
Wi-Fi	RZ616 Wi-Fi 6E cert: Fix DL MU-MIMO issue
Wi-Fi	Fixed RZ616 WPA3 roaming issue
Wi-Fi	Auto Band WFD Channel Selection Feature
Wi-Fi	WPA3R3 T.C. 5.2.2.2_6G Test case fix
Wi-Fi	Fix OEM power stress test socket connect fail
Wi-Fi	Fix for Unit auto disconnect from 5GHz AP when do hotspot with MTK card
Wi-Fi	Add a new BIOS SAR table MTSS
Wi-Fi	Add shout down low power feature
Wi-Fi	Fix unable to assign IP after connecting to 802.1xWEP AP

3.3 R0.7.3 (R1.3) Change List

Item	Description
BT	Disable WPP log in inf file
Wi-Fi / BT	bugfix for workaround of AMD xHCI CDC issue
Wi-Fi	D3 Cold capability disabled
Wi-Fi	Fix firmware exception issue when connect to QCA 6GHz AP
Wi-Fi	Update BIOS SAR for Adding MTGS Version3 for 4 tables
Wi-Fi	Fix connection fail to Netgear RAX80 after S4
Wi-Fi	Fix BSOD from Cobalt HLT Test DF - Sleep with IO During
W-Fi	CodeQL Issue Fixes
Wi-Fi	Fix for Miracast Video Freeze Issue



3.4 R0.7.7 (R1.7) Change List

Item	Description
BT	CodeQL analysis modification
Wi-Fi / BT	Add OEM RZ608/RZ616 VID/PID for filter driver
Wi-Fi	[RZ608] 6G UL throughput might drop with QCA AP
Wi-Fi	Fix OEM Wi-Fi issue scenarios -- Miracast PM test _S3 Fail.
Wi-Fi	Fix Can't connect Miracast after resuming from S4
Wi-Fi	Update supported channel for Indonesia, CH36~48 & CH 52~64.
Wi-Fi	Fix P2P Source cannot Scan Sink
W-Fi	Fix Can't connect Miracast with ScreenBeam2 Dongle
Wi-Fi	Fixed wrong setting with 5G HE AF in WTBL
Wi-Fi	Support Added for Missing Radar detection code for Mobile Hotspot
Wi-Fi	Set Shutdown low power enabled by default

3.5 R0.7.8 (R1.8) Change List

Item	Description
BT	BT firmware download too long, move out phase 3 wait from retry loop, or it could cause long pending
BT	bugfix for remove wrong Globals FDO
Wi-Fi	[RZ608/RZ616] System might get 0x133 BSOD when entering PCIe L1ss frequently
Wi-Fi	[RZ608] after RvR test with QCA 6E AP, Wi-Fi can't scan issue fixed
Wi-Fi	Sync OEM Wi-Fi icon loss during Miracast connect / disconnect test issue fixed

3.6 R0.7.85 (R1.9) Change List

Item	Description
BT/Wi-Fi	Add OEM RZ616 VID/PID to driver INF file
Wi-Fi	Fix OEM BSOD 0x9F issue: Ensure driver checks power state correctly in TxAbort flow
Wi-Fi	Fix Wrong 11ac BW when modify PHY mode from Wi-Fi advanced page in device manager
Wi-Fi	Fix Miracast Connection Fail with Pisen Dongle
Wi-Fi	Fix Intel Ax200/Realtek RTL8852AE module cannot connect to MTK 2.4G hotspot with Ethernet



3.7 R0.7.9 (R2.0) Change List

Item	Description
BT/Wi-Fi	Add OEM RZ616 VID/PID to driver INF file
Wi-Fi	Fix Wi-Fi reset (ERROR ID 5002) during Miracast connecting
Wi-Fi	Fix 6G T-put RX fail with WPA3 (PMF)
Wi-Fi	Issue Fix for Wi-Fi icon loss in Mobile Hotspot mode

3.8 Known Issues List

Item	Description
	N/A