



Change List for Win7 Driver 10.0.0.19 to 10.0.0.221

Update Oct/31/2012

Qualcomm Atheros is continuing Hot Fixes. This will be a list of running changes as we continue to fix defects against Win7 10.0.0.x base code.

Software changes between build 10.0.0.19 and 10.0.0.26 (Win7 SID: 1483649)

- 1) Provide registry key to control "Dynamic Link Speed" or "Max Link Speed" indication
- 2) Fixed some IOT issue with Cisco AP during reboot test
- 3) Fine tune some WLAN/BT coexistence parameters to fix some coex issue.
- 4) Add driver support for RSSI tool to check the antenna is well connected.
- 5) Update INF entries

Software changes between build 10.0.0.26 and 10.0.0.42 (Win7 SID: 1487613)

- 6) Fixed P2P link stability issue
- 7) Fixed 10.0 legacy hardware support issues
- 8) Enhance DPC latency in unassociated idle
- 9) Fixed WB222 AMP low throughput issue
- 10) Fixed ACU wrong MAC address display issue
- 11) Enhance BT/WLAN coexistence on WB222
- 12) Fixed link speed inconsistency between SoftAP and STA
- 13) Fixed WB222 synchronization issue
- 14) Update INF entries

Software changes between build 10.0.0.42 and 10.0.0.48 (Win7 SID: 1491029)

- 15) Improve BT audio quality during WLAN connection
- 16) Fixed DPC latency issue
- 17) Fixed headset music lag via BT on WB222
- 18) Fixed ping timeout using WEP in noisy environment problem
- 19) Fixed BSOD(X64_0x7E_athrx!cwm_get_width+e) issue
- 20) Add an additional OID to add WiFi Display IE into management frame
- 21) Fixed chain 0 RSSI low issue
- 22) Avoid regulatory violation
- 23) Update INF entries

Software changes between build 10.0.0.48 and 10.0.0.54 (Win7 SID: 1495126)

- 24) Fix connection failure using TKIP/AES in the noisy environment.
- 25) Fix the functionality of roaming registry
- 26) Fix for incorrect WLAN channel information in coex engine during scanning and channel change.
- 27) Change name to "Qualcomm Atheros" for WinXP (10.0.0.x) driver.
- 28) Fixed BSOD(X640x9F_3_IMAGE_athrx.sys) issue
- 29) Fix STA disassociation when Multicast Key Rotation enabled on ARUBA AP controller.
- 30) Enhance WLAN UL coex performance when there are two or three HIDs.
- 31) Update INF entries



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Software changes between build 10.0.0.54 and 10.0.0.59 (Win7 SID: 1498523)

- 32) Add Aphrodite (AR956x) WLAN rx diversity support
- 33) Improve the Aphrodite performance at power saving mode.
- 34) Improve WLAN coex performance stability while WLAN is at low rssi with BT interference
- 35) Fixed BSOD issue
- 36) Update INF entries

Software changes between build 10.0.0.59 and 10.0.0.67 (Win7 SID: 1502748)

- 37) Make Win8 and Win7 driver are mutual exclusive
- 38) Separate sys inf and cat of different operating system
- 39) Improve power consumption high when associate idle
- 40) Fixed BSOD issue
- 41) Update INF entries

Software changes between build 10.0.0.67 and 10.0.0.74 (Win7 SID: 1508195)

- 42) Enable Aphrodite (AR956x) WLAN rx diversity (Win7)
- 43) Add concurrency mode support for BT coex
- 44) OCS throughput tuning
- 45) Fixed BSOD issue
- 46) Update INF entries

Software changes between build 10.0.0.74 and 10.0.0.75 (Win7 SID: 1510119)

- 47) Fixed BSOD issue

Software changes between build 10.0.0.75 and 10.0.0.200 (Win7 SID: 1515269)

- 48) Add manual peak detector support for Jupiter and Aphrodite
- 49) Fix the BSOD occurred by athrx.sys when DUT reconnect to AP after changes security key
- 50) Update INF entries

Software changes between build 10.0.0.200 and 10.0.0.209 (Win7 SID: 1522779)

- 51) Update INF entries

Software changes between build 10.0.0.209 and 10.0.0.216 (Win7 SID: 1534799)

- 52) Add WPP trace in the driver
- 53) Update INF entries

Software changes between build 10.0.0.216 and 10.0.0.221

- 54) Update INF entries