



AirPrime WP76xx Accessory Boards

AT Command Reference

AirPrime WP76xx Accessory Boards are PCI Express Mini Card form factor devices that carry embedded WP76 Series modules (WP7607, WP7610).

These devices support most of the WP Series AT command set as described in the AirPrime WP8548/WP75xx/WP76xx/WP77xx AT Command Reference (available at source.sierrawireless.com/resources/airprime/software/airprime_wpx5xx_wp76xx_wp77xx_at_command_reference).

Important: AirPrime WP76xx Accessory Boards **do not support** (or only partially support) AT commands or parameters relating to unsupported WP76 module interfaces or functionality, such as:

- ADC
- Clocks—System, Sleep
- Control signals—RESET_IN_N, SAFE_PWR_REMOVE, DR_SYNC
- GPIOs (except GPIO21, GPIO28, GPIO29, GPIO30, which are mapped to the WP76xx accessory board's GPIO4, GPIO1, GPIO2, and GPIO3 respectively)
- HSIC
- SDIO
- SPI
- UART—UART1, UART2
- Low Power Modes—ULPM (Ultra Low Power Mode), PSM (Power Saving Mode)
- Ability to load Legato applications on embedded WP76xx module

The following table indicates unsupported and partially-supported WP AT commands.

Table 1: Unsupported/Partially-supported AT Commands

Command	Unsupported	Partial Support
!ANTSEL	X	
+CMUX		X
!CUSTOM="BANDSELEN"		X
!CUSTOM="BOOTUARTDLOADEN"	X	
!CUSTOM="HSICENABLE"	X	
!CUSTOM="LTECOEXUARTENABLE"	X	
!GPOINT		X
!GPSIDREN		X
+KSIMSEL	X	
+KSLEEP	X	
!MADC	X	
+MAPUART	X	

Table 1: Unsupported/Partially-supported AT Commands

Command	Unsupported	Partial Support
!MUXMODE		X
!PCVOLT	X	
!POWERMODE	X	
!POWERWAKE	X	
!SARGPIO		X
+WESTCLK	X	
+WIOCFG		X
+WIOCFG		X
+WIOR		X
+WIOW		X

Important: *Table 1 may not include all unsupported or partially supported commands.*

Document History

Revision number	Release date	Changes
1	March 2020	Created

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