



Zebra Wireless Fusion Features For Android 4.1 (Jelly Bean) Table Revision 1

• - available out of the box
● - available with mDNA license

MCC2
MCC7N

802.11 Standard :	
802.11a - 5 GHz	●
802.11b - 2.4 GHz	●
802.11g - 2.4 GHz OFDM	●
802.11n - Enhancements for Higher Throughput	●
802.11ac - Very High Throughput - 5 GHz	●
802.11ac - High Efficiency (Waveform 802.11ac)	●
802.11k - Dynamic Frequency Selection (DFS) and Transmit Power Control (TPC)	●
802.11r - WiFi Protected Access 2 (WPA2)	●
802.11s - Quality of Service	●
802.11u - Extensions to Operate in Additional Regulatory Domains	●
802.11v - Fast BSS Transition (Management)	●
802.11x - Radio Resource Mgmt	●
802.11w - Protected Management Frames	
802.11z - Wireless Network Management	
802.11mc - Wi-Fi Locationing	
WiFi Alliance Certifications :	
WiFi Simple	
WiFi Protected Setup	
WiFi Enterprise	
WiFi AP Multiple Access Point	
WMM (Priorit. 802.11e Support)	●
WMM Power Save	●
WMM Admission Control	●
WPA Personal	●
WPA2 Enterprise	●
Protected Management Frames (PMF)	
WPA3 Personal	
WPA3 Enterprise	
WPA3-Enterprise with Optional 192-bit	
Wi-Fi CERTIFIED n	●
Wi-Fi CERTIFIED ac	
Wi-Fi CERTIFIED a	
Wi-Fi CERTIFIED b with Optional 60 (60 GHz)	
Wi-Fi Agile Multiband (MBC)	
Wi-Fi Optimized Communications (OCG)	
Wi-Fi QoS Management	
FastConnect	
EAP Methods :	
EAP-TLS	●
EAP-TTLS	●
PEAPv0/EAP-MSCHAPv2	●
PEAPv2/EAP-OTW - Strict password	●
PEAPv2/EAP-OTW - Dynamic password	
EAP-FAST	●
LEAP	●
EAP-SIM	
EAP-AKA	
EAP-AKA Prime	
Fast Roaming :	
IEEE 802.11r	●
OCG	●
COVOCOM	●
Fast BSS Transition for WPA2	
Fast BSS Transition for WPA3 Personal	
Fast BSS Transition for WPA3 Enterprise	
Fast BSS Transition for WPA3 Enterprise 192bit	
Fast BSS Transition - Core DS for the supported WPA3	
IP Connectivity :	
Internetworking IPv4	●
Internetworking IPv6	
Bandwidth Channels :	
2.4 GHz band	1-11
5 GHz band	36-149
6 GHz band	
Channel Widths :	
20 MHz	●
40 MHz	
80 MHz	
MIMO and DBS :	
2x2 MIMO	
2x2 MU-MIMO	●
4x4	
4x4 MIMO	
Quad Band Simultaneous (QBS)	
More Value Add :	
Roaming Reentry	●
Roaming Time Optimizations	●
Connection Resiliency (continuity during short coverage disruption and short disconnect)	●
Connectivity with Hidden SSID on DFS channels	●
Always Network Available (ensuring client of Android back online)	●
Optimization for Multicast Packets	●
Wi-Fi Optimization for VoIP	●
Throughput Optimizations	●
802.11n / 802.11ac Optimizations (find faster a better AP)	●
Optimized Voice Prioritization - TSPEC	●
Optimized Voice Prioritization - Call Admission Control	●
Optimized Voice Prioritization - Traffic QoS Mapping	●
Optim. Packet Mode	
Reduced Power for Unidentified Country	
Recognition of Wi-Fi Coordinates	●
Time Delay Mode for Wi-Fi in Settings	
Smartphone App	
Subject Beam	
WiFi AP Channel Selection	●
Roaming Cap (in Settings & Logout)	●
Advanced Debugging / Logging	●
Public APIs for Remote Device Mgmt (RM, FusionPublicAPI, etc.)	●
Power Settings and BA Configuration	●
WiFi Roaming	●
WMM-PS Loadability (dependencies of WPA cert)	●
Band Affinity/Band Preference	●
Channel Mask	●
WiFi Locationing "RTT Service" - measuring local or Global coordinates	
Separated Configurability Methods for specific features :	
Enable Advanced Debugging / Logging via UI	●
Enable Advanced Debugging / Logging via RM	●
Configure Band and Country Selection via UI	●
Configure Band and Country Selection via RM	●
Configure Channel Mask via UI	●
Configure Channel Mask via RM	●
802.11k & 802.11v :	
11k Link Neighbor Report	●
11k Full Neighbor Report, Beacon and Link Measurements	
11k BSS Transition Management	
Data Integrity :	
EFS 140-2 - Level 1 Data	●
PMN-BU Features :	
PMN-BU Admin Status Configuration	
PMN-BU Skipper Fast Secure Roam	●
PMN-BU Scan Point	●
PMN-BU Coverage Hole Detection	●
PMN-BU Assigned IP Class ID	●
Wireless Analyzer Application :	
WA Reception Information	
WA Scan List and Coverage View	
WA Connection Analysis	
WA Roaming Analysis	
WA Voice Analysis	
WA Packet Capture	
WA Network Tools (Ping, Traceroute)	
Wireless Insights APIs :	
Wi-Fi Roaming Analysis	
Wi-Fi Usage Analysis	
Wi-Fi Packet Capture	