



**Zebra Wireless Fusion Features**  
for Android 4.4 (KitKat)  
Table Revision 1

\* - available out of the box  
● - available with mDNA license

	TC10	TC100	TC15	MC18	MC17N	MC19
<b>802.11 Standard :</b>						
802.11a 4 GHz	●	●	●			
802.11b 2.4 GHz	●	●	●			
802.11g 2.4 GHz OFDM	●	●	●			
802.11n Enhancements for Higher Throughput	●	●	●			
802.11ac High Throughput 4.8 GHz						
802.11ac High Efficiency Wireless (HE40)						
802.11k Dynamic Frequency Selection (DFS) and Transmit Power Control (TPC)	●	●	●			
802.11r Wi-Fi Protected Access 2 (WPA2)	●	●	●			
802.11s Quality of Service	●	●	●			
802.11e Extensions to Operate in Additional Regulatory Domains	●	●	●			
802.11v Fast BSS Transition (Management)	●	●	●			
802.11x Media Response Mgmt	●	●	●			
802.11w Protected Management Frames						
802.11x Wireless Network Management						
802.11ac Wi-Fi Localization						
<b>WiFi Alliance Certifications :</b>						
Matter	●	●				
WiFi Display	●	●				
Wi-Fi Protected Setup	●	●				
<b>WiFi Extensions</b>						
Soft AP (Mobile Access Point)	●					
WMM (Priorit. 802.11e Support)	●	●	●			
WMM Power Save	●	●	●			
WMM Admission Control	●	●	●			
WPA2 Personal	●	●	●			
WPA2 Enterprise	●	●	●			
Enterprise Management Framework (EMF)						
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 6 with Optional 6E (6 GHz)						
Wi-Fi Agile Multiband (MBO)						
Wi-Fi Connected Connectivity (CCX 5)						
Wi-Fi Direct Management						
<b>Fast Methods :</b>						
Fast TSS	●	●	●			
Fast TTS	●	●	●			
Fast PUSP (MTC/MBMS)	●	●	●			
Fast PUSP (MTC - MTC) - MTC assessment	●	●	●			
Fast PUSP (MTC - Dynamic) - assessment						
Fast PUSP						
Fast TAST	●	●	●			
Fast	●	●	●			
Fast SIM						
Fast BSA						
Fast MVA Drive						
<b>Fast Reconnect :</b>						
Fast Cache	●	●	●			
Fast DNS	●	●	●			
Fast DNS	●	●	●			
Fast DNS	●	●	●			
Fast BSS Transition for WPA2	●	●	●			
Fast BSS Transition for WPA2 Personal						
Fast BSS Transition for WPA2 Enterprise						
Fast BSS Transition for WPA2 Enterprise (192bit)						
Fast BSS Transition - Check CS for the supported WPA2						
<b>IP Connectivity :</b>						
Interworking IPv4	●	●	●			
Interworking IPv6	●	●	●			
<b>Radio and Channels :</b>						
4.6 GHz band	1-3	1-3	1-3			
4.9 GHz band	36-101	36-101	36-101			
5 GHz band						
<b>Channel Width :</b>						
10 MHz	●	●	●			
20 MHz						
40 MHz						
80 MHz						
<b>MIMO and DBS :</b>						
2x2 MIMO						
2x2 MIMO						
3x3	●	●	●			
3x3 MIMO						
4x4 MIMO (Max Power, 20M)						
<b>Mean Value Set :</b>						
Global Settings	●	●	●			
Beam Time Optimizations	●	●	●			
Connection Resiliency (continually update short coverage duration and short disconnections)	●	●	●			
Connection with Mobile IP (on IPV4 channel)	●	●	●			
Allow Network Profile Settings (value of Android stack setting)	●	●	●			
Optimization for Multicast Packets	●	●	●			
Wi-Fi optimization for VoIP	●	●	●			
Throughput Optimizations						
802.11k / 802.11s Optimizations (Used later a better API)	●	●	●			
Optimized Voice Prioritization - VoIP	●	●	●			
Optimized Voice Prioritization - Call Admission Control	●	●	●			
Optimized Voice Prioritization - VoIP QoS Mapping	●	●	●			
Optimized Packet Scheduling	●	●	●			
Reduced Power for Underload Country	●	●	●			
Optimization of Wi-Fi Connections	●	●	●			
View Only Mode for Wi-Fi UI Settings						
Suppression AMP						
Subnet Roam	●	●	●			
Self AP Channel Selection						
WiFiMn Logs (in UI Infoview & Logger)	●	●	●			
Advanced Debugging / Logging	●	●	●			
Public APIs for Remote Device Mgmt (MIB, Factory/OTA/API, etc.)	●	●	●			
Factory Settings (Wi-Fi Configuration)	●	●	●			
WiFi Config	●	●	●			
WMM PS capability regardless of WPA level	●	●	●			
Band Affinity/Band Preference	●	●	●			
Channel Switch	●	●	●			
WiFi Localization "RTT Service" - (positioning ESSID or SSID) (coordinates)						
<b>Separated Configurability Methods for specific features :</b>						
Enable Advanced Debugging / Logging via UI	●	●	●			
Enable Advanced Debugging / Logging via MIB	●	●	●			
Configure Band and Country Selection in UI	●	●	●			
Configure Band and Country Selection in MIB	●	●	●			
Configure Channel Mask via UI	●	●	●			
Configure Channel Mask via MIB	●	●	●			
<b>802.11k &amp; 802.11s :</b>						
11k Link Diagnostic Report	●	●	●			
11s Full Diagnostic Report, Reason and Link Measurements						
11s BSS Transition Management						
<b>Data Integrity :</b>						
FIPS 140-2 Level 1 DRG			●			
<b>FIPS-BI Features :</b>						
FIPS-BI Self Test Configuration	●	●	●			
FIPS-BI Self Test Self Service Report	●	●	●			
FIPS-BI Self Test Audit	●	●	●			
FIPS-BI Self Test Results	●	●	●			
FIPS-BI Aggregated F1 Check-DS	●	●	●			
<b>Wireless Analyzer Application :</b>						
WiFi Connection Information	●	●	●			
WiFi Signal and Capacity MIB	●	●	●			
WiFi Connection Analysis	●	●	●			
WiFi Roaming Analysis	●	●	●			
WiFi Voice Analysis	●	●	●			
WiFi Packet Capture	●	●	●			
WiFi Network Tools (Ping, Traceroute)	●	●	●			
<b>Wireless Insights APIs :</b>						
WiFi AP Roaming Analysis	●	●	●			
WiFi AP Traffic Analysis	●	●	●			
WiFi AP Packet Capture	●	●	●			