Zebra Wireless Fusion Features
for Android 5 (Lollipop)
Table Revision 1

"●" - available out of the box
"⬤" - available with mDNA license

	ET50	ET55	WT6000	TC70 TC8000	TC75	MC18 MC32	CC5000
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 Thruput < 6 GHz	●	●	●				
802.11ax: High Efficiency Wireless (Wi-Fi 6)							
802.11h: Dynamic Frequency Selection (DFS) and Transmit Power Control (TPC)	●	●	●	●	●	●	●
802.11i: WiFi Protected Access 2 (WPA2)	●	●	●	●	●	●	●
802.11e: Quality of Service	●	●	●	●	●	●	●
802.11d: Extensions to Operate in Additional Regulatory Domains	●	●	●	●	●	●	●
802.11r: Fast BSS Transition (Roaming)	●	●	●	●	●	●	●
802.11k: Radio Resource Mgmt	●	●	●	●	●	●	●
802.11w: Protected Mgmt Frames	●	●	●				
802.11v: Wireless Network Management							
802.11mc: Wi-Fi Locationing							
Wi-Fi Alliance Certifications :							
Miracast				●	●		
WiFi Direct	●	●	●	●	●		
Wi-Fi Protected Setup	●	●	●	●	●		
Voice Enterprise			●				
Soft AP (Mobile Access Point)		●			●		
WMM (Partial 802.11e Support)	●	●	●	●	●	●	●
WMM Power Save	●	●	●	●	●	●	●
WMM Admission Control			●				
WPA2-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 6							
Wi-Fi CERTIFIED 6 with Optional 6E (6 GHz)							
Wi-Fi Agile Multiband (MBO)							
Wi-Fi Optimized Connectivity (OCE)							
Wi-Fi QoS Management							
Passpoint							
EAP Methods :							
EAP-TLS	●	●	●	●	●	●	●
EAP-TTLS	●	●	●	●	●	●	●
PEAPv0/EAP-MSCHAPv2	●	●	●	●	●	●	●
PEAPv1/EAP-GTC - Static password	●	●	●	●	●	●	●
PEAPv1/EAP-GTC - Dynamic password	●	●	●				
EAP-PWD							
EAP-FAST				●	●	●	●
LEAP	●	●	●	●	●	●	●
EAP-SIM							
EAP-AKA							
EAP-AKA Prime							
Fast Roaming :							
PMK Cache	●	●	●	●	●	●	●
OKC	●	●	●	●	●	●	●
CCX/CCKM	●	●	●	●	●	●	●
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 - Over-DS for the supported WPAx	●	●	●				
IP connectivity :							
Internetworking IPv4	●	●	●	●	●	●	●
Internetworking IPv6	●	●	●	●	●	●	●
Bands and channels :							
2.4 GHz band	1-13	1-13	1-13	1-13	1-13	1-13	1-13
5 GHz band	36-165	36-165	36-165	36-165	36-165	36-165	36-165
6 GHz band							
Channel width :							
20 MHz	●	●	●	●	●	●	●
40 MHz	●	●	●				
80 MHz	●	●	●				
160 MHz							
MIMO and DBS :							
2X2 MIMO	●	●	●				
2X2 MU-MIMO							
1X1				●	●	●	●
1X1 Multiuser							
Dual Band Simultaneous (DBS)							
More Value Add :							
Gradual Roaming	●	●	●	●	●	●	●
Roam Time Optimizations	●	●	●	●	●	●	●
Connection Resiliency (continuity during short coverage disruption and short disconnects)	●	●	●	●	●		
Connectivity with Hidden-SSID on DFS channels	●	●	●	●	●	●	●
Allow Network Profile Roaming; cases of Android block-listing	●	●	●	●	●	●	●
Optimization for Multicast Packets	●	●	●				
Wi-Fi optimization for VOIP	●	●	●	●	●	●	●
Throughput Optimization	●	●	●			●	●
802.11k / 802.11v Optimizations (find faster a better AP)	●	●	●				
Optimized Voice Prioritization: TSPEC	●	●	●	●	●	●	●
Optimized Voice Prioritization: Call Admission Control	●	●	●	●	●	●	●
Optimized Voice Prioritization: traffic QoS Mapping	●	●	●	●	●	●	●
Captive Portal Mode				●	●		
Reduced Power for Undefined Country	●	●	●	●	●	●	●
Encryption of Wi-Fi Credentials	●	●	●	●	●	●	●
View Only Mode for Wi-Fi UI Settings	●	●	●				
Gratuitous ARP							
Subnet Roam	●	●	●	●	●	●	●
Soft AP Channel Selection		●					
Wireless Logs in UI (status & logger)	●	●	●	●	●	●	●
Advanced Debugging / Logging	●	●	●	●	●	●	●
Public APIs for Remote Device Mgmt (MX, FusionPublicAPI, etc.)	●	●	●	●	●	●	●
Fusion Settings GUI (UI Configurability)	●	●	●	●	●	●	●
WiFiConfig	●	●	●	●	●	●	●
WMM-PS capability (regardless of WFA cert)	●	●	●	●	●	●	●
Band Affinity/Band Preference	●	●	●	●	●	●	●
Channel Mask	●	●	●	●	●	●	●
WiFi Locationing "RTT Service" - positioning (local or Global coordinates)							
Separated Configurability Methods for specific features :							
Enable Advanced Debugging / Logging via UI	●	●	●	●	●	●	●
Enable Advanced Debugging / Logging via MX	●	●	●	●	●	●	●
Configure Band and Country Selection in UI	●	●	●	●	●	●	●
Configure Band and Country Selection in MX	●	●	●	●	●	●	●
Configure Channel Mask via UI	●	●	●	●	●	●	●
Configure Channel Mask via MX	●	●	●	●	●	●	●
802.11k & 802.11v :							
11k Lite (Neighbor Report)	●	●	●	●	●	●	●
11k Full (Neighbor Report, Beacon and Link Measurements)							
11v BSS Transition Management							
Data Integrity :							
FIPS 140-2, Level 1 DIM						●	
PAN-BU features :							
IPAN-BU) Auto Time Configuration	●	●	●	●	●	●	●
IPAN-BU) Hyper Fast Secure Roam							
IPAN-BU) Scan Assist				●	●	●	●
IPAN-BU) Coverage Hole Detection				●	●	●	●
IPAN-BU) Aggregated FT-Over-DS				●	●	●	●
Wireless Analyzer Application :							
WA Connection 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 API Roaming Analysis							
WI API Voice Analysis							
WI API Packet Capture							