Zebra Wireless Fusion Features
for Android 7 (Nougat)
Table Revision 1

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

	TC20 TC25	TC75x	TC56	MC33 TC51/TC51HC TC70x VC80x	WT6000
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 Throput < 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 WPAs		●	●	●	●
IP connectivity :					
Internetworking IPv4	●	●	●	●	●
Internetworking IPv6	●	●	●	●	●
Bands and channels :					
2.4 GHz band	1-13	1-13	1-13	1-13	1-13
5 GHz band	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 (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 :					
(PAN-BU) Auto Time Configuration		●	●	●	●
(PAN-BU) Hyper Fast Secure Roam					
(PAN-BU) Scan Assist					
(PAN-BU) Coverage Hole Detection					
(PAN-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					