Zebra Wireless Fusion Features
for Android 11
Table Revision 1

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

	TC58 TC78	TC53 TC73	ET45	ET40	TC52ax (Std, Lowell, HC) MC3300ax	CC600/CC6000 EC30 EC50 ET51 MC3300x MC33 PS20 TC52 and TC52-HC TC52x TC72 TC8300 VC8300 VC83X00 10" WT6300	ET56 10" ECS5 ET56 L10 TC57x TC77	TC57	TC26 MC27	MC20	RZ-H271	TC21 MC22	WS50
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 WPAs	●	●											
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	1-13	1-13	1-13	1-13	1-13	1-13
5 GHz band	36-165,144	36-165,144	36-165,144	36-165,144	36-165,144	36-165,144	36-165,144	36-165,144	36-165,144	36-165,144	36-165,144	36-165,144	36-165,144
6 GHz band	1-233	1-233											
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 :													
(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	●	●	◉	◉	●	●	●	●	◉	◉	●	◉	