Zebra Wireless Fusion Features
For **Android 14**
Table Revision 4

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

	TC58 TC58e TC78 ET65 HC55 MC9450 MC3450 EM45 FR55	TC53 TC53e TC53e-RFID TC73 ET60 HC50 MC9400 MC3400 PS30 WT6400 WT5400 KC50 ZEC500	TC27	TC22 HC20	ET45	ET40	WS501 WS301	TC52ax (Std, Lowell, HC) MC3300ax	EC30 EC50 ET51 MC3300x MC9300 TC52 & TC52-HC TC52x TC72 TC8300 VC8300 WT6300	ECS5 TC57x TC77 ET56 L10A	TC57	TC26 TC26-HC MC27	TC21 TC21-HC MC22	MC20
Wi-Fi generation -->	**6E**	**6E**	**6E**	**6E**	**6**	**6**	**6**	**6**	**5**	**5**	**5**	**5**	**5**	**5**
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 (FTM)	●	●	●	●	●	●	●	●	●	●	●			
Wi-Fi Alliance Certifications :														
WiFi Direct	●	●	●	●	●	●	●	●	●	●	●			
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	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LEAP	●	●	◉	◉	◉	◉	●	●	●	●	●	◉	◉	◉
EAP-SIM	●		●		●					●	●	●		
EAP-AKA	●		●		●					●	●	●		
EAP-AKA Prime	●		●		●					●	●	●		
TLS v1.3, optional for any EAP authentication.	●	●	●	●	●	●	●	●	●	●	●	●	●	●
TOFU (Trust On First Use) for Certificate Authority (CA)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
802.1X/EAP-TLS over Ethernet	●	●	◉	◉	◉	◉		●	●	●	●	◉	◉	◉
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 (channels 1-13, subjected to regulatory)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5 GHz band (channels 36-165, subjected to regulatory)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
6 GHz band (channels 1-233, subjected to regulatory)	●	●	◉	◉										
Channel width :														
20 MHz	●	●	●	●	●	●	●	●	●	●	●	●	●	●
40 MHz	●	●	●	●	●	●	●	●	●	●	●	●	●	●
80 MHz	●	●	●	●	●	●	●	●	●	●	●	●	●	●
160 MHz	●	●	●	●										
MIMO and DBS :														
2X2 MU-MIMO	●	●	●	●	●	●	●	●	●	●	●			
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	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Secure Advanced Debugging / Logging	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Public APIs for Remote Device Mgmt (MX)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Fusion Settings GUI (UI Configurability)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
WiFiConfig	●	●	●	●	●	●	●	●	●	●	●	●	●	●
WMM-PS capability (regardless of WFA cert)	●	●	◉	◉	◉	◉	●	●	●	●	●	◉	◉	◉
Band Affinity/Band Preference	●	●	◉	◉	◉	◉	●	●	●	●	●	◉	◉	◉
Channel Mask	●	●	◉	◉	◉	◉	●	●	●	●	●	◉	◉	◉
WBA (Wireless Broadband Alliance) OpenRoaming	●	●	●	●	●	●	●	●	●	●	●	●	●	●
COPE (Corporate Owned Personally Enabled) - Cross-Country Mobility Scenarios affecting WiFi channels	●	●	●	●	●	●		●	●	●	●	●	●	●
WiFi Locationing "RTT Service" for FTM; accurate coordinates and optimized battery for FTM	●	●	◉	◉	◉	◉	●	●	●	●	●			
WiFi Locationing (FTM) - Dynamic FTM bandwidth Upgrade	●	●	◉	◉					●	●	●			
Layer2 Auto Time Configuration in Extreme Networks WLAN	●	●	◉	◉	◉	◉	●	●	●	●	●	◉	◉	◉
Layer2 Auto Time Configuration in HPE Aruba Networks WLAN	●	●	◉	◉										
Cisco/Meraki Client-Assurance Analytics for Zebra	●	●	●	●										
Restricted Tethering; option to disallow network access via WiFi to Tethered Hotspot/Ethernet/BT/USB	●	●	◉	◉										
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 modes :														
11k Lite (Neighbor Report)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
11k Full (Neighbor Report, Beacon and Link Measurements)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
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 (WI):														
WI Roaming Analysis	●	●	◉	◉	◉	◉		●	●	●	●	◉	◉	◉
WI Voice Analysis	●	●	◉	◉	◉	◉		●	●	●	●	◉	◉	◉
WI Packet Capture	●	●	◉	◉	◉	◉		●	●	●	●	◉	◉	◉
WI Data directly with Cloud solutions via Zebra Wireless Insights Agent	●	●	◉	◉	◉	◉		●	●	●	●	◉	◉	◉

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