Zebra Wireless Fusion Features
for Android 9 (Pie)
Table Revision 1

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

	PS20 TC52 and TC52-HC TC72
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/CCXM	●
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
5 GHz band	36-165,144
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 :	
(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	