



Zebra Wireless Fusion Features  
for Windows 7  
Table Revision 1

\* - supported

VC80

<b>802.11 Standard :</b>	
802.11a 5 GHz	•
802.11n 2.4 GHz	•
802.11g 2.4 GHz OFDM	•
802.11ac Enhancements for Higher Throughput	•
802.11ac Very High Throughput < 6 GHz	•
802.11ac High Efficiency (802.11ac-HE)	•
802.11ah Dynamic Frequency Selection (DFS) and Transmit Power Control (TPC)	•
802.11i Wi-Fi Protected Access 2 (WPA2)	•
802.11k Quality of Service	•
802.11r Seamless Handover to Additional Regulatory Domains	•
802.11s Fast BSS Transition (FastBT)	•
802.11v Radio Resource Mgmt	•
802.11w Protected Management Frames	•
802.11x Wireless Network Management	•
802.11mc Wi-Fi Localization	•
<b>WiFi Alliance Certifications :</b>	
<b>Advant</b>	
WiFi Display	•
WiFi Protected Setup	•
WiFi Enterprise	•
WiFi Easy Connect (Hotspot)	•
WMM (Optional 802.11e Support)	•
WMM Power Save	•
WMM Admission Control	•
WPA3 Personal	•
WPA3 Enterprise	•
Protected Management Frames (PMF)	•
WPA3 Personal	•
WPA3 Enterprise	•
WPA3 Enterprise with Optional 192-bit	•
Wi-Fi CERTIFIED a	•
Wi-Fi CERTIFIED ac	•
Wi-Fi CERTIFIED g	•
Wi-Fi CERTIFIED n with Optional 6E (60 GHz)	•
Wi-Fi High MultiBand (HMB)	•
Wi-Fi OpenSource Governance (OSG)	•
Wi-Fi GIG Management	•
Passpoint	•
<b>EAP Methods :</b>	
EAP-TLS	•
EAP-TTLS	•
PEAPv0/EAP-MSCHAPv2	•
PEAPv2/EAP-OTW - Strict tunnel	•
PEAPv2/EAP-OTW - Dynamic tunnel	•
EAP-PPS	•
EAP-FAST	•
EAP	•
EAP-TNC	•
EAP-MD5	•
EAP-AKA Prime	•
<b>Fast Roaming :</b>	
Fast Cache	•
DBC	•
COV/CCM	•
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 - Core-DS for the supported WPA3	•
<b>IP connectivity :</b>	
Interworking IPv4	•
Interworking IPv6	•
<b>Range and Channels :</b>	
2.4 GHz band	5-13
5 GHz band	36-149
<b>Channel width :</b>	
20 MHz	•
40 MHz	•
80 MHz	•
160 MHz	•
<b>MIMO and CBS :</b>	
2x2 MIMO	•
4x4 MIMO	•
1x1	•
2x5 Multiuser	•
Dual Band Simultaneous (DBS)	•
<b>More Value Add :</b>	
•	
Regulatory	
Roaming Time Optimization	
Connection Resiliency (continuity during short coverage disruption and short disconnection)	
•	
Connectivity with Hidden SSID on DFS channels	
•	
Always Network Traffic Forwarding: client off channel back-hatting	
•	
Optimization for Multicast Packets	
•	
Wi-Fi Optimization for VoIP	
•	
Throughput Optimization	
•	
802.11n 802.11ac Determination (Hot Spot & Better AP)	
•	
Optimized Voice Prioritization: TOS/ECN	
•	
Optimized Voice Prioritization: Call Admission Control	
•	
Optimized Voice Prioritization: Traffic QoS Mapping	
•	
Caption Panel Mode	
•	
Reduced Power for Unlicensed Country	
•	
Acquisition of Wi-Fi Credentials	
•	
Time Delay Mode for Wi-Fi U/I Settings	
•	
Optimize IAP	
•	
Support Roam	
•	
Self AP Channel Selection	
•	
Access to up to 22 channels & 16MHz	
•	
Advanced Discovery (A-Discovery)	
•	
Public APs for Remote Device Mgmt (Mn, Frms@Public, etc.)	
•	
Custom Settings (DS (A) Configuration)	
•	
Security	
•	
WMM-PS (Quality of Services of WPA.com)	
•	
Band Affinity/Brand Preference	
•	
Channel Mask	
•	
802.11k "HI Action" - monitoring based on channel condition	
•	
<b>Separated Configurability Methods for specific features :</b>	
•	
Enable Advanced Debugging / Logging via UI	
•	
Enable Advanced Debugging / Logging via API	
•	
Configure Band and Country Selection in UI	
•	
Configure Band and Country Selection via API	
•	
Configure Channel Mask via UI	
•	
Configure Channel Mask via API	
•	
<b>802.11k &amp; 802.11r:</b>	
1:1 Link Neighbor Report	
•	
1:3 Link Neighbor Report, Reason and Link Measurements)	
•	
1:1k Link Neighbor Management	
•	
<b>DSM (Discovery):</b>	
EWS 485.2 - Level 4 DSM	
•	
<b>RFM (RF) Features :</b>	
•	
RFM-BSS Auto Time Correction	
•	
RFM-BSS Ingress/Fair Secure Roam	
•	
RFM-BSS Scan Rate	
•	
RFM-BSS Proactive Inter-Detection	
•	
RFM-BSS Proactive CS-DS	
•	
<b>Wireless Analyzer Application :</b>	
•	
WA Connection Information	
•	
WA Scan List and Coverage View	
•	
WA Connection Analysis	
•	
WA Roaming Analysis	
•	
WA Voice Analysis	
•	
WA Packet Capture	
•	
WA Network Test (Ping, Traceroute)	
•	
<b>Wireless Insights APs :</b>	
•	
WI AP Roaming Analysis	
•	
WI AP Usage Analysis	
•	
WI AP Power Capture	
•	