

Snapdragon® Connect Industry-leading Feature Set

	PHONES & HOTSPOTS	COMPUTE	GAMING	XR	AUTOMOTIVE	WEARABLES
CELLULAR FEATURES						
Snapdragon Platform	Snapdragon 8/8+ Gen 1, 7 Gen 1 Snapdragon X70, X65 or X62 5G Modem-RF System (hotspots)	Snapdragon 8cx, 8c, 7c+ or 7c	Snapdragon G3x Gen 1	Snapdragon XR2	Snapdragon Auto Connectivity	Coming soon
5G	●	●	●	●	●	
5G mmWave	● ¹	● ¹				
Qualcomm® Signal Boost antenna tuner	● (8-series) ○ (7-, 6-series, hotspots)	○	○			
Qualcomm® Wideband envelope tracking	● (8-series) ○ (7-, 6-series, hotspots)	● (8-series) ○ (7-series)	●	●	○	
Qualcomm® Smart Transmit™ technology	○	○	○	○		
Qualcomm® ultraBAW™ filters	● (8-series) ○ (7-, 6-series, hotspots)		●			
Qualcomm® ultraSAW™ filters	●		●			
Duplexers & filters	●⚡	●⚡	●⚡	●≡	●⚡	
Sub-6 GHz high throughput RFFE ⁶	●		○			
Power amplifiers	●	●	●	●	●	
Others	Qualcomm® Location ⁵				Qualcomm® Location C-V2X, Snapdragon® Car2Cloud	

WI-FI AND BLUETOOTH FEATURES						
Wi-Fi/Bluetooth System	Qualcomm® FastConnect 6900, 7800 or better Qualcomm® FastConnect 6700 (7-series or lower)	Qualcomm® FastConnect 6900, 7800 or better	Qualcomm® FastConnect 6900, 7800 or better	Qualcomm® FastConnect 6900, 7800 or better	Qualcomm® QCA6696 or better	Coming soon
Wi-Fi 6E / 7 6GHz ²	●	●	●	●	○	
Wi-Fi 160 MHz channel bandwidth	●	●	●	●		
4-Stream Dual-Band Simultaneous (Wi-Fi 6) or High-Band Simultaneous Multi-Link (Wi-Fi 7)	● (8-series) ○ (7-, 6-series, hotspots)	●	●	●		
2x2 MIMO	●	●	●	●		
Qualcomm® ultraBAW filters ³	●	●	●	●	●	
Bluetooth 5.1+	●	●	●	●	●	
RFFE extractors	○	○	○			
RFFE modules 2.4GHz & 5-7GHz	● ⁴	● ⁴	● ⁴	● ⁴	○	
Others				XR Wi-Fi Software Suite		

- Featured ● Featured only in cellular-enabled devices ○ Option for manufacturers ⚡ High power ≡ Miniaturized
1. In regions where available
2. In regions where 6GHz is available
3. If High Band Simultaneous is enabled
4. Only Qualcomm® FastConnect 7800 or higher
5. Phones only
6. n41/77/78 uplink MIMO for 8-series, 4x TDD bypass for 7-series or lower