

INTRODUCING THE SNAPDRAGON 820

X12 LTE MODEM

Breakthrough LTE and Wi-Fi connectivity.



PROCESSING

IMAGING

CONNECTIVITY

GRAPHICS

SECURITY

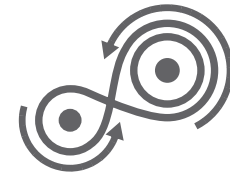
FAST CHARGING

DISPLAY

VIDEO

AUDIO

33%



LTE

Epic LTE speeds for turbocharged app performance.

- Support for download speeds up to 600 Mbps, a 33% increase over Snapdragon 810.
- Support for upload speeds up to 150 Mbps, a 200% increase over Snapdragon 810.
- Fast access to files in the cloud, snappy sharing of photos and videos.

Wi-Fi

Next-gen Wi-Fi for the ultimate in home and office connectivity.

- 11ac MU-MIMO Wi-Fi with up to 3X higher throughput in crowded places.
- 11ad multi-gigabit Wi-Fi for 4K video, wireless docking, and lightning-fast file transfers.
- Seamless Wi-Fi operation in 2.4, 5, and 60 GHz bands.

LTE + Wi-Fi

Keeping you connected across wireless technologies.

- Support for LTE in unlicensed spectrum (LTE-U) for fast speeds in congested places.
- HD voice and video calling over LTE and Wi-Fi, with real-time Wi-Fi quality monitoring.
- Wi-Fi hotspot function with up to 45% lower power consumption than previous generations.



THE QUALCOMM® SNAPDRAGON™ 820 PROCESSOR IMMERSIVE AND INTELLIGENT.

Introducing the new all-in-one Snapdragon 820—the most powerful mobile processor Qualcomm Technologies has ever created. And with the integrated X12 LTE modem, you get breakthrough LTE and Wi-Fi connectivity with the epic speeds you need to turbocharge your favorite connected apps. Purpose-built to redefine efficiency, innovation and the user experience, the Snapdragon 820 offers a whole new level of mobile intelligence.