**SUPERIOR POWER, PERFORMANCE, AND CONNECTIVITY**

The Snapdragon 626 processor offers many advantages:

- Integrated X9 LTE
  - Cat 7 downlink, up to 300 Mbps
  - Cat 13 uplink, up to 150 Mbps
  - 2x20Mz carrier aggregation with up to 64-QAM
  - Snapdragon All Mode
  - Ultra HD Voice with EVS codec
- Qualcomm® TruSignal™ antenna boost
- Professional camera features and DSLR-like image quality with dual image signal processors
- Qualcomm® Hexagon™ 546 DSP provides battery-efficient enhancements to audio, video, and computer vision use cases
- Qualcomm® Adreno™ 506 GPU PC-class graphics with support for advanced APIs and Hardware Tessellation
- Snapdragon sensor core supports new always-on use cases at reduced power levels and cost
- Software leveragable across other Snapdragon 600 series processors

**USER EXPERIENCES**

- **Long Battery Life**
  - 35% lower day of use power\(^1\) with the first 14nm Snapdragon 600 tier processor

- **Enhanced Photography**
  - Dual image signal processors (ISPs) support leading mobile camera experiences, improved dynamic range, enhanced AutoFocus performance and computational photography

- **Advanced Graphics and 3D Gaming**
  - Adreno 506 GPU supports avid mobile gamers with realistic 3D imagery and developers with support for the latest graphics APIs

- **4K Ultra HD video**
  - Premium 4K video with HEVC capture and playback for optimal balance of quality and bandwidth

- **Integrated X9 LTE**
  - Up to 3x the LTE upload speeds of most LTE devices - up to 150 Mbps, and advanced Wi-Fi with MU-MIMO - for super-fast sharing of high res photos and videos

\(^1\) as compared to the Snapdragon 617 processor

Qualcomm Snapdragon, Qualcomm Hexagon, Qualcomm TruSignal, and Qualcomm Adreno are products of Qualcomm Technologies, Inc. Qualcomm Reference Design is a program of Qualcomm Technologies, Inc. Qualcomm Global Pass is a solution of Qualcomm Technologies, Inc.
Snapdragon 600 series high-tier processors are designed to support a high-value combination of advanced features, superior performance, robust connectivity and all-day battery life in leading devices.

**FEATURES & SPECIFICATIONS**

**CPU**
- Octa-core 64-bit ARM Cortex-A53 up to 2.2GHz

**GPU**
- Adreno 506 GPU: OpenGL ES 3.1, OpenCL 2.0 Full, DirectX 12, GPU Tessellation, Geometry Shading

**DSP**
- Hexagon 546 DSP

**Memory**
- LPDDR3

**Display**
- Primary Full HD 1080p 60fps UI
- Qualcomm® Low-Picture Enhancement and Qualcomm® TruPalette™ display features
- Qualcomm® improveTouch™ technology

**Audio Technologies**
- Crystal clear VoLTE w/ Ultra HD Voice (EVS)
- High fidelity music playback 24bit/192kHz
- Dolby 5.1 support

**RF Front-End**
- Snapdragon All Mode global/regional solutions with Qualcomm® RF360™ front-end solution
- QFE2550 antenna impedance tuner for TruSignal Antenna Boost
- Aperture tuning
- 3rd generation 28nm RF Transceiver

**Snapdragon X9 LTE Modem**
- X9 LTE with 2x20Mz carrier aggregation
- Cat 7 downlink, up to 300 Mbps; up to 4x 75Mbps LTE streams
- Cat 13 uplink, up to 150 Mbps; up to 2x 75Mbps LTE streams
- Snapdragon Upload+
- Up to 64-QAM
- Snapdragon All Mode LTE FDD, LTE TDD, WCDMA (DB-DC-HSDPA, DC-HSUPA), TD-SCDMA, EV-DO, CDMA1x, and GSM/EDGE
- Qualcomm RF360™ front end solution
- Support for LTE Broadcast, LTE multimode dual SIM and VoLTE with HD Voice and SRVCC

**Connectivity**
- Integrated 802.11ac Multi-User MIMO (MU-MIMO)
- Qualcomm® IZat™ location services Gen8C Lite
- USB 3.0
- Bluetooth 4.2

**Camera**
- Dual ISPs support up to 24MP

**Video**
- 4K@30fps HEVC capture and playback

**Security**
- Qualcomm Haven™ security suite

**Fast Charging**
- Qualcomm® Quick Charge™ 3.0 technology