

QUALCOMM®
SNAPDRAGON™

430

PROCESSOR

The “Mid-tier octa-core” Processor

The Snapdragon 430 processor offers many advantages:

- + Integrated X6 LTE
 - LTE Advanced Carrier Aggregation up to 2x10 MHz in the downlink
 - Support for Category 4 download speeds of up to 150 Mbps
 - Enhanced Category 5 uplink speeds up to 75 Mbps with 64-QAM support
 - LTE dual SIM (DSDS)
- + Multi-threaded, high performance in mid-tier devices with the first octa-core Snapdragon 400 tier processor
- + 5.1 surround sound with Dolby and DTS
- + Qualcomm® Adreno™ 505 GPU brings upper-tier graphics quality to Snapdragon mid-tier processors
- + Qualcomm® Reference Design availability for Snapdragon 430 features

To learn more visit:

snapdragon.com or mydragonboard.org

USER EXPERIENCES



Faster LTE upload speeds for faster sharing of your files

Integrated X6 LTE boosts support of uplink speeds from the typical peak of 50 Mbps to 75 Mbps, sending your photos and videos that much faster



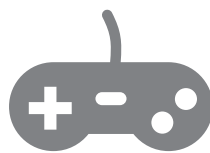
Advanced Camera

Dual image signal processors (ISPs) support rapid capture of high-resolution photos (16 Megapixel photos at 30 fps) with zero shutter lag



Smooth, fluid UI

Support for Full HD (1920x1200) resolution, Qualcomm® Low-Picture Enhancement and Qualcomm® TruePallete™ camera features enable eye-popping display quality



High-end 3D gaming

The Adreno 505 GPU brings more realistic scenes and objects at low power to Snapdragon 400 series processors



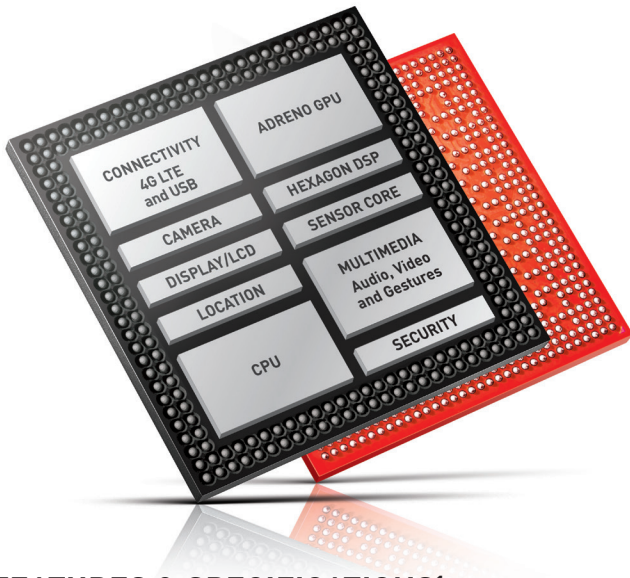
Super fast charging

Charge your device up to 4X faster than conventional methods* with Qualcomm® Quick Charge™ 3.0 technology

Qualcomm®
snapdragon 

*Based on internal tests charging a 2750mAh fast charge battery (1.5C charge rate) and using the maximum power for a thermal limit of 40C for all charging implementations. Charge time based on 0% to 50% (August 2015).

Qualcomm Snapdragon, Qualcomm Adreno, Qualcomm Low-Picture Enhancement, Qualcomm TruePallete and Qualcomm Quick Charge are products of Qualcomm Technologies, Inc. Qualcomm Reference Design is a program of Qualcomm Technologies, Inc.



The Snapdragon 430 processor re-defines the standard for mid-tier mobile devices with 64-bit octacore architecture, Adreno 500 series graphics and fast LTE connectivity.

FEATURES & SPECIFICATIONS¹

Modem

- + Integrated X6 LTE Global Mode modem, supporting LTE FDD, LTE TDD, WCDMA (DC-HSDPA, HSUPA), CDMA1x, EV-DO Rev. B, TD-SCDMA and GSM/EDGE
- + Cat 4 download speeds of up to 150 Mbps with LTE Advanced 2x10 MHz Carrier Aggregation
- + Cat 5 upload speeds of up to 75-Mbps with support for 64-QAM
- + Pairs with WTR2965 cost-optimized RF transceiver for global carrier aggregation
- + Qualcomm RF360™ front end solution
- + LTE Broadcast and LTE multimode dual SIM

Connectivity

- + 802.11ac
- + Multi-User MIMO (MU-MIMO)
- + BT4.1

GPU

- + Adreno 505 GPU: OpenGL ES 3.1, OpenCL 2.0 full, DirectX 11.2, HW Tessellation, Geometry Shading

DSP

- + Qualcomm® Hexagon™ 536 DSP

Memory

- + LPDDR3@800MHz

Display

- + Up to Full HD 1920x1200@60fps

Video

- + 1080p@30fps, 720p@60fps capture and playback with hardware HEVC

Qualcomm Audio

- + Fluence™ technology with Noise Cancellation and Echo Cancellation
- + Crystal clear voice calls

Camera

- + Dual image signal processors (ISPs) support up to 16 MP and zero shutter lag

CPU

- + Octa ARM Cortex A53 up to 1.4GHz

Security

- + Qualcomm® SecureMSM™ technology
- + Qualcomm® Snapdragon StudioAccess™ technology



¹Certain optional features available subject to Carrier and OEM selection for an additional fee.

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