



215

The Qualcomm® 215 Mobile Platform is our first 2-series to feature a 64-bit CPU, dual camera support, and a total of 10 technologies new to this series. We're raising the bar for mass market devices.



64-Bit CPU

Qualcomm 215 has a new 64-bit CPU architecture which delivers a massive boost in CPU performance when compared to our previous generation. Now you can browse the web, launch popular apps, check emails and communicate with friends—faster and for longer.

- Up to 50% increase in CPU performance (compared to previous generation)



Capture and Watch

Our latest platform is equipped with dual ISP for dual camera optical zoom and depth capture (with support from our 3rd party ecosystem) and can capture full HD 1080p video.

- Support for up to 13 MP single camera and 8 MP dual camera
- Browse more, watch more on HD+ display with 19.5:9 aspect ratio



Freedom to choose

Qualcomm 215 is our first 2-series platform that supports dual SIM with dual VoLTE, so you can take advantage of cost savings with different carriers and travel with ease. With our Qualcomm® Snapdragon™ X5 LTE Modem you have the power of 4G at your fingertips, engineered to support peak LTE download speeds at very low power. Enjoy fast connections throughout the day so you can stay in touch almost anywhere you go.

- 1st 2-series platform with Ultra HD calls



5+ days of music playback¹

Powerful performance relies on even stronger power efficiency, and the Qualcomm 215 is designed to provide both. For the first time in our 2-series we feature a Qualcomm® Hexagon™ DSP which supports low power audio and sensor processing. One of the benefits of this new architecture is 5+ days of music playback so you can go from morning to night—and back again—without worrying about recharging.

- Incredible power efficiency: 20+ hours of voice calls, 10+ hours of video playback
- Quick Charge charges your devices 75% faster² than conventional charging

To learn more visit
qualcomm.com

¹ Battery life varies significantly with settings, usage, and other factors.

² Based on internal tests charging a 3,300 mAh battery using a [1] USB wall adapter (5V, 2A), and [2] USB wall adapter (5V, 1A), respectively. (February 2013)

All comparisons made are in reference to previous generation, Snapdragon 212 mobile platform. Results will vary depending on OEM implementation and other factors.

Qualcomm Snapdragon Qualcomm 215 and Qualcomm Quick Charge are products of Qualcomm Technologies, Inc. and/or its subsidiaries.

215 Mobile Platform

SPECIFICATIONS & FEATURES

Modem

- Snapdragon X5 LTE Modem
- Support for LTE Cat 4
- Downlink: Up to 150 Mbps LTE
- Uplink: Up to 50 Mbps LTE
- Qualcomm® Snapdragon™ 2x10 MHz carrier aggregation, up to 64-QAM
- Support for LTE Broadcast, Dual SIM Dual VoLTE
- Qualcomm® All Mode LTE FDD, LTE TDD, WCDMA (DC-HSDPA, HSUPA), TD-SCDMA, EV-DO Rev. B, CDMA1x, TD-SCDMA and GSM/EDGE
 - VoLTE with HD Voice and Ultra HD Voice (EVS)
 - Wi-Fi calling with call continuity

Connectivity

- Qualcomm® Wi-Fi Solutions
- Wi-Fi integrated 802.11b/g/n/ac with MU-MIMO
- USB 2.0
- Bluetooth 4.2
- Near Field Communications (NFC): Supported

Camera

- Dual 12-bit Image Signal Processors
- Dual camera: up to 8 MP, ZSL, 30 fps
- Single camera: up to 13 MP, ZSL, 30 fps
- Video capture: up to 1080p at 30 fps

Audio

- High definition audio playback up to 192 kHz/24-bit
- Echo cancellation and noise suppression
- 5.1 surround sound recording

Display

- HD+ 1560x720 (19.5x9)
- External displays supported

CPU & DSP

- 4x ARM Cortex A53
- Up to 1.3 GHz
- 28 nm process technology
- Qualcomm® Hexagon™ DSP

Visual Subsystem

- Qualcomm® Adreno™ 308 GPU Visual Processing Subsystem
- OpenGL ES 3.2, OpenCL, DirectX
- Up to 1080p video playback
- H.264 (AVC), H.265 (HEVC) and VP8 playback

RF Front-End

Qualcomm® RF Front-End (RFFE) solution

Security

- Qualcomm® Processor Security
- Qualcomm® Content Protection

Memory

- LPDDR3
- Up to 672 MHz, 3 GB RAM
- eMMC 4.5
- SD 3.0 (UHS-I)

Location

- Assisted GPS, OTDOA (LTE-based positioning)
- GPS, GLONASS, Beidou
- Low Power Geofencing and Tracking

Charging

- Quick Charge technology

Part Number

- QM215