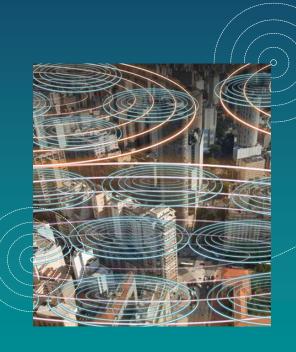


Key industry trends driving innovation





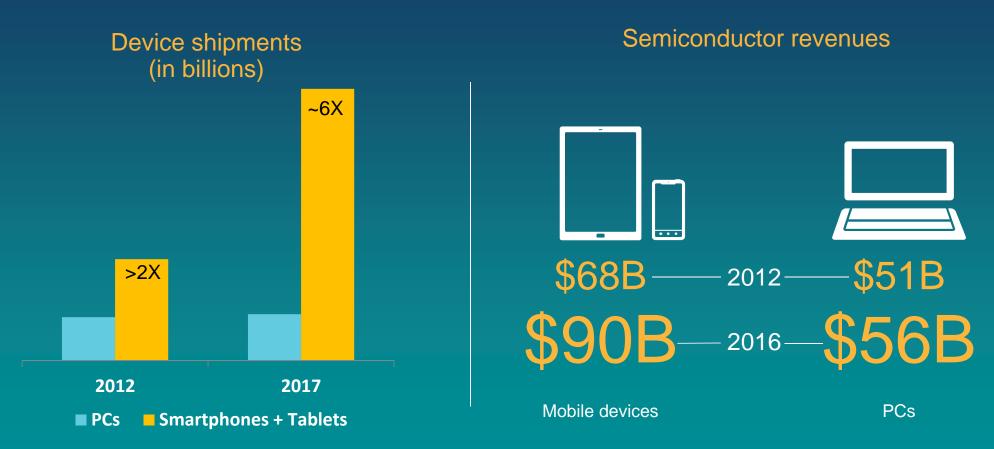


Redefining computing

The 1000x data challenge

Digital 6th sense

A new era: mobile drives growth and innovation



Source: Smartphones units: Gartner, Mar-13; Tablet units: Avg of Gartner, Mar-13 & SA, Apr-13; PC units (desktop + portable): Avg of Gartner, Mar-13 & IDC, Feb13; Semiconductor revenue: Gartner, Dec. '12; Mobile devices include mobile phones and tablets.

Expanding areas for smartphone innovation

CPU

2MB L2 (8064 only) aSMP Custom krait Web Tech innovations High performance floating point Custom system interconnect

GPU

FlexRenderTM technology GPGPU compute for imaging/video (Renderscript, OpenCL, LLVM) Unified shader architecture Low power innovations Stereoscopic rendering Accelerated WebGL Profiling tools

DSP/Multimedia

21 MPix 20x digital zoom Zero shutter lag Ultrasound

7.1 surround playback

Stereo 3D video 1080p HD video Browser with HTML5 and 1080p flash

Computational camera 5.1 surround camcorder Noise cancellation



Modems

Coexistence with connectivity VoLTE/SRVCC Advanced receivers Power optimization

LTE world mode LTE broadcast LTE TDD RF multi-band TD-SCDMA

Connectivity

Coexistence with WWAN Indoor location **GPS/GNSS** .11ac

Miracast Multiband FM

Sensors

Accelerometer **Proximity** Pressure Ambient light Gestures

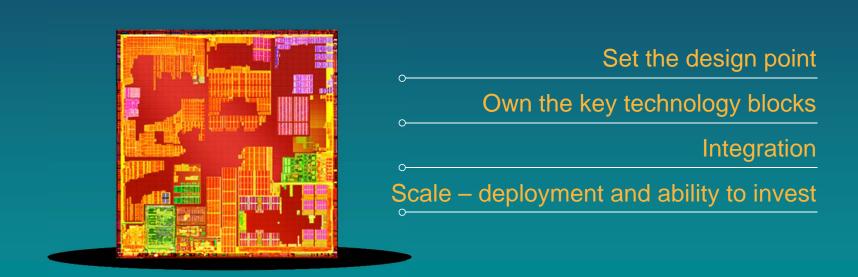
Temperature Gyroscope IR sensing Humidity Magnetometer

Displays

Color correction Content adaptive backlight Frame buffer compression Wireless display MĖMŚ

Strategy

Drive smartphone leadership into adjacent opportunities



A full platform solution for the new era of computing



Leading hardware

Drivers & optional advanced features software

High level operating system

Qualcomm® reference designs

Enabling technologies

HW & SW development tools & customer support

Qualcomm is a mobile native

We lead the industry we co-created after decades of investment and experience



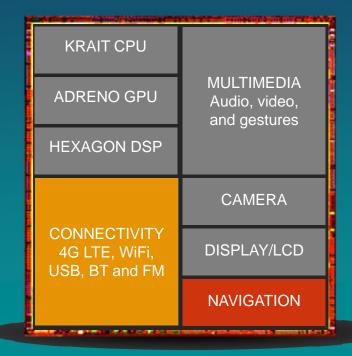
3G / 4G LTE Years ahead in LTE

3rd generation LTE

World-mode: supporting 7 cellular modes

Qualcomm® RF360 Front End Solution

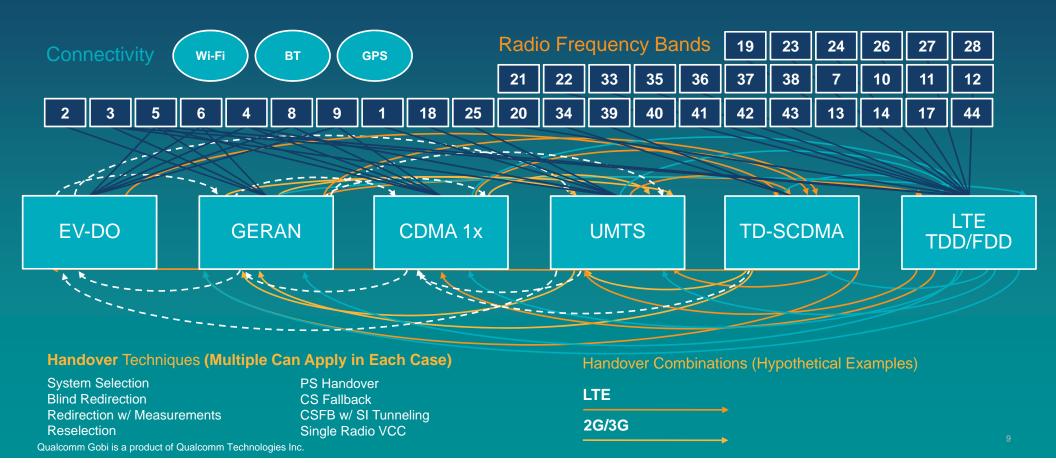
for global LTE designs





The unique Qualcomm advantage

Hiding the complexity underneath the most seamless mobile connectivity



Qualcomm RF360 Front End Solution

The First Truly Global Solution for 4G LTE Devices

Advantages

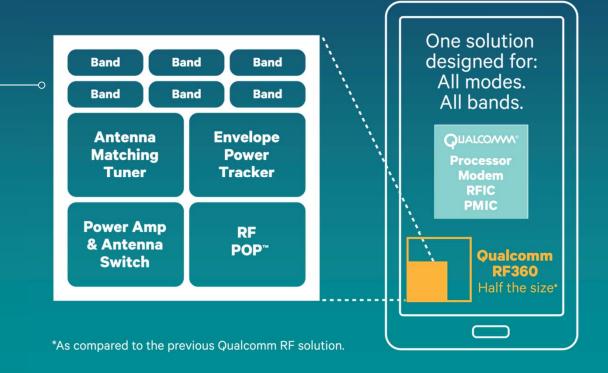
Single SKU

Power

Performance

Size

Time to market



Unmatched scale of global deployment

Qualcomm® Snapdragon™ S4 MSM8x60 launch

- Commercial sample to first carrier acceptance in 52 days
- 30 OEMs, 30+ operators
- 150+ launches worldwide
- Our fastest integrated chip to ship 10M units



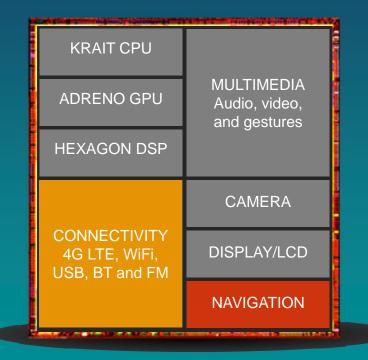
Qualcomm Snapdragon is a product of Qualcomm Technologies Inc.

Connectivity

Leadership in Wi-Fi and location technology

Integrated Qualcomm VIVE™ 802.11ac / 11n

Qualcomm IZat™ location





Navigation performance video

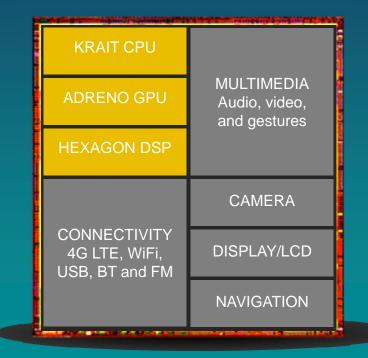


Applications SoC

Ahead of standard, off-the-shelf solutions

Custom design from the ground up

Integrated architecture (CPU, GPU, DSP)

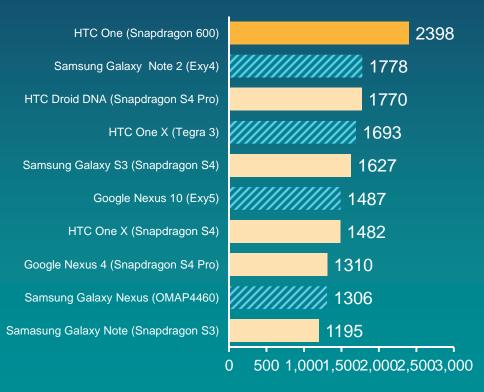


CPU performance

"Our two Vellamo benchmarks both show the One doing very well. In the HTML5 test, the One puts everything else to shame—including the old APQ8064 based Droid DNA and the Galaxy Note 2. The Qualcomm comparison is the more interesting as it echoes some of what we saw in the microbenchmarks—take into account the clock speed difference and you're looking at a 22% improvement in performance due to the new Krait 300 cores."

Brian Klug, AnandTech.com (4/12/13)

Vellamo benchmark – 2.0 HTML5 test overall score – (higher is better)

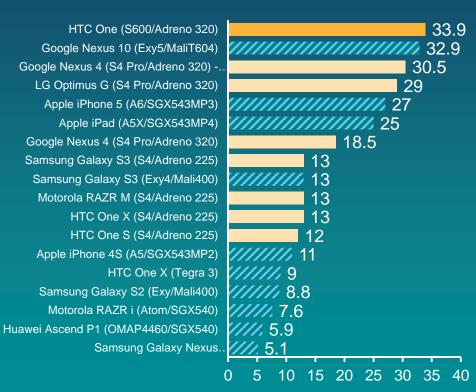




"The 'game' benchmarks in GLBench give us a good indication of overall performance. The off-screen results are most interesting from drawing comparative conclusions: The One is fast—it's now the fastest smartphone we've ever tested in the Egypt HD off-screen test."

Brian Klug, AnandTech.com (4/12/13)

GLBenchmark 2.5 – Egypt HD (offscreen 1080p) Frames per second – (higher is better)



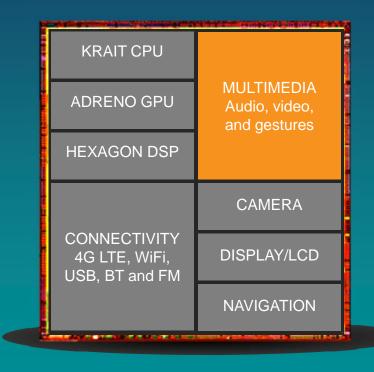


Browser performance video



Multimedia

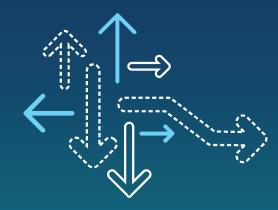
Setting consumer expectations



Ultra HD capture & playback*

7.1 surround sound*

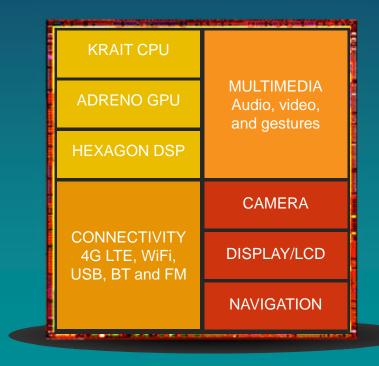
Advanced camera features



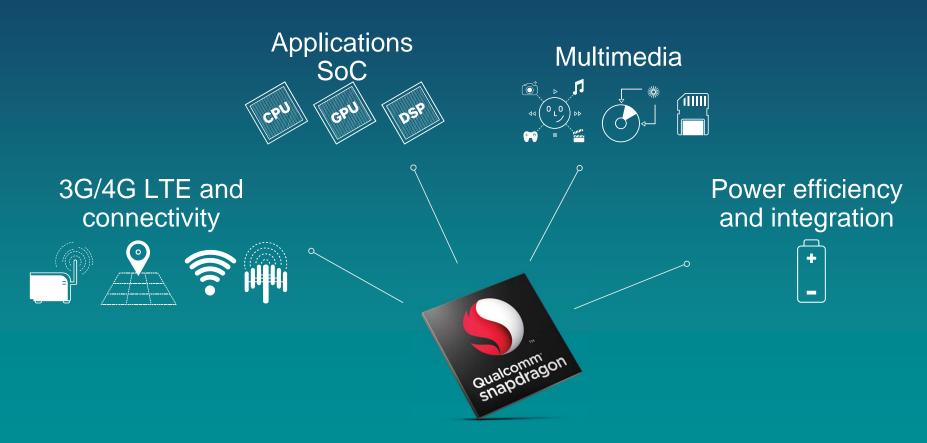
Demos: Ultra HD and 7.1 sound

Power efficiency and integration

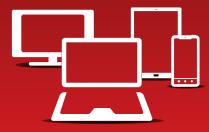
Critical in mobile and in our philosophy



Mobile requires to master and integrate all key technologies



Qualcomm® Snapdragon™ processors



Snapdragon 800

Premium smartphones, Smart TVs, digital media adapters and tablets.



Snapdragon 600

Mid-high tier smartphones and tablets.



Snapdragon 400

High volume smartphones and tablets.



Entry level smartphones.



At the heart of the devices you love



85+

Device customers

850+

Devices announced*



Qualcomm Reference Design

Accelerating global growth of smartphones



200+

40+

14

Devices launched

OEMs

Countries



Qualcomm Snapdragon across a range of devices

Qualcomm snapdragon

Smartphone technology is expanding into many other computing and CE categories





A Dragon is Coming video



Thank you

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