





(intel) Mobile at Intel Hermann Eul & Mike Bell

Corporate Vice Presidents Co-General Managers, Mobile and Communications Group



Our Momentum is Growing

Our Mobile Roadmap is Accelerating on Intel Architecture

Our Know-How in Multi-Comm and the Eco-System will bring Unique Capabilities

INVESTOR MEETING 2012



Why We Win - Key Elements Assembled



Other brands and names are the property of their respective owners.

The Best Transistors in the World



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The Fundamentals of RF Technology

LTE / HSPA+ **Rel. 9 Platform Solution**



- System View
- Disruptive Solutions → User Experience
 - Power
 - Size
 - Performance
- Undisputed leadership in RF for two decades



Experience Supporting the Mobile Eco-System



Years of experience partnering with leading vendors

- Over 2.5 Billion 2G & 3G RF chips sold* lifetime
- 500 Million chipsets shipped as Intel after acquisition close (2/1/11)
- Shipping LTE RF
- Security in Handsets

Other brands and names are the property of their respective owners. *Includes platform shipments from MCG's predecessor Infineon WLS from 2005 though Jan. 2011





Bringing Moore's Law to Mobile

2012 32 nm

2013* 22 nm



2014* 14 nm

IN DEVELOPMENT



"FinFETs Extend Intel's Technology Lead" Microprocessor Report

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All products, designs, dates and figures specified are preliminary based on current expectations, and are subject to change without notice Performance tests and ratings are measured using specific computer systems and/or components and reflect the approximate performance of Intel products as measured by those tests. Any difference in system hardware or software design or configuration may affect actual performance. Buyers should consult other sources of information to evaluate the performance of systems or components they are considering purchasing



Software Experience, more than 3,000+ Engineers





30+ Years of Windows Platform Enabling across **Eco-system Partners**

#2 Contributor to the Linux Kernel

*Other brands and names are the property of their respective owners

1,200 Engineers dedicated to Android for Mobile

Bringing All this Together for User Experience

Engaging

Consistent

Aware













Delivering New Capabilities to Market



8MP Camera 10 Pictures In < 1 second 1080p Video with HDMI 14 Days Standby



Battery life figures are estimated based on internal Intel analysis of an Intel® Smartphone Reference Design comprising a 1460mAh battery and are provided for informational purposes only. Any difference in system hardware or software design or configuration, as well as system use patterns including enabled modes of wireless connectivity, may affect actual battery life performance and these figures.

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Leading Performance ... and Energy Efficient



Source: Intel Reference Design Phone Compared to 5 Leading Smartphones, Intel internal testing January 2012

Medfield 3rd Party Reports Absolute Performance (SunSpider & Browsermark)

| SunSpider Javascript Benchmark 0.9.1 - Stock Browser Total Time in ms - Lower is Better | | BrowserMark Score in BrowserMarks - Higher is Better | |
|--|--------|---|--------|
| Lava XOLO X900 | 1279.4 | HTC One X (International) | 106865 |
| HTC One X (International) | 1784.9 | Lava XOLO X900 | 105558 |
| HTC One S (International) | 1809.2 | HTC One S (International) | 101773 |
| | 1003.2 | Samsung Galaxy Nexus (GSM/UMTS) | 97381 |
| Motorola Droid RAZR MAXX | 1951.6 | Motorola Droid RAZR MAXX | 94640 |
| Samsung Galaxy Nexus (GSM/UMTS) | 1988.1 | Samsung Galaxy Nexus (CDMA/LTE) | 93322 |
| Motorola Droid RAZR | 2056.4 | Motorola Droid 4 | 90720 |
| Samsung Galaxy Nexus (CDMA/LTF) | 2097 7 | Apple iPhone 4S | 87841 |
| Material Draid 4 | 0404 | Motorola Droid RAZR | 82016 |
| Motorola Droid 4 | 2131 | HTC Rezound | 68045 |
| Apple iPhone 4S | 2250 | Samsung Galaxy S II Epic 4G Touch | 58791 |
| HTC Rezound | 2967.6 | LG Optimus 3D | 55581 |
| Apple iPhone 4 | 3545 | Samsung Galaxy S II | 55144 |
| L G Onfimus 3D | 3578 2 | Motorola Droid 3 | 54631 |
| | 5376.2 | Motorola Atrix 4G | 53576 |
| Samsung Galaxy S II Epic 4G Touch | 3634.6 | | 51701 |
| Samsung Galaxy S II | 3727.4 | LC Ontimus 2X | 50877 |
| T-Mobile G2x | 3927 | Motorola Droid Bionic | 49436 |
| Motorola Droid Bionic | 4136 | Google Nexus One | 40136 |
| Motorolo Droid 2 | 4144.2 | HTC Sensation 4G | 39864 |
| Motorola Drold 3 | 4144.2 | HTC Thunderbolt | 38739 |
| Google Nexus One | 5766.1 | HTC MyTouch 4G Slide | 37770 |
| Google Nexus S | 6054.7 | HTC Inspire 4G | 36211 |
| HTC Sensation 4G | 6217.4 | Google Nexus S | 35780 |
| HTC MyTouch 4G Slide | 6295 | Samsung Droid Charge | 27285 |

Source: 4/25/2012 Measured results from www.anandtech.com

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EXTREMETECH

With the Xolo X900, Intel has officially put the ARM manufacturers on notice....it's downright impressive

April 25, 2012

ANANDTECH

The x86 power myth is finally busted....it's competitive with the Galaxy S 2 and Galaxy Nexus. If you've been expecting the first x86 smartphone to end up at the bottom of every battery life chart, you'll be sorely disappointed. April 25, 2012



New Phone PARTNERS

Handset OEMs

New Markets, New Customers

Software and Services









... And We're Just Getting Started!

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Smartphone Platform Roadmap



Future Platforms 14nm

On Track with Win8 Tablets

Positioned For LEADERSHIP



10 OEMS > 20 DESIGNS Clover Trail Customers



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Performance Leadership

- Software Optimization
- Software Compatibility
- Extensive Innovation on IA





Windows Tablet Platform Roadmap

2012



2013



2014



Clover Trail 32nm

1.8 GHz Processor

Bay Trail 22nm Next generation uArch

14nm

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Next Generation

Next generation uArch

Creating the Mobile and Communications Group

- Management team combines 186 years of mobile and communications experience across 14 leaders
- Best of both worlds silicon expertise with mobile platforms and wireless technologies



Our Best Talent Focused on Winning in the Future

2014/15

2012

Extend our Product Leadership

Winning Designs





Our Momentum is Growing in all Aspects of Mobile

All the benefits of Moore's Law apply; Our Mobile Roadmap is Accelerating on Intel Architecture and we are capitalizing on the IDM Model

Our Know-How in Multi-Comm and the Eco-System will bring Unique Capabilities to Intel's offering in Phones, Tablets, and Mobile Devices

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Risk Factors

The above statements and any others in this document that refer to plans and expectations for the second quarter, the year and the future are forward-looking statements that involve a number of risks and uncertainties. Words such as "anticipates," "expects," "intends," "plans," "believes," "seeks," "estimates," "may," "will," "should" and their variations identify forward-looking statements. Statements that refer to or are based on projections, uncertain events or assumptions also identify forwardlooking statements. Many factors could affect Intel's actual results, and variances from Intel's current expectations regarding such factors could cause actual results to differ materially from those expressed in these forward-looking statements. Intel presently considers the following to be the important factors that could cause actual results to differ materially from the company's expectations. Demand could be different from Intel's expectations due to factors including changes in business and economic conditions, including supply constraints and other disruptions affecting customers; customer acceptance of Intel's and competitors' products; changes in customer order patterns including order cancellations; and changes in the level of inventory at customers. Uncertainty in global economic and financial conditions poses a risk that consumers and businesses may defer purchases in response to negative financial events, which could negatively affect product demand and other related matters. Intel operates in intensely competitive industries that are characterized by a high percentage of costs that are fixed or difficult to reduce in the short term and product demand that is highly variable and difficult to forecast. Revenue and the gross margin percentage are affected by the timing of Intel product introductions and the demand for and market acceptance of Intel's products; actions taken by Intel's competitors, including product offerings and introductions, marketing programs and pricing pressures and Intel's response to such actions; and Intel's ability to respond quickly to technological developments and to incorporate new features into its products. Intel is in the process of transitioning to its next generation of products on 22nm process technology, and there could be execution and timing issues associated with these changes, including products defects and errata and lower than anticipated manufacturing yields. The gross margin percentage could vary significantly from expectations based on capacity utilization; variations in inventory valuation, including variations related to the timing of qualifying products for sale; changes in revenue levels; segment product mix; the timing and execution of the manufacturing ramp and associated costs; start-up costs; excess or obsolete inventory; changes in unit costs; defects or disruptions in the supply of materials or resources; product manufacturing quality/yields; and impairments of long-lived assets, including manufacturing, assembly/test and intangible assets. The tax rate expectation is based on current tax law and current expected income. The tax rate may be affected by the jurisdictions in which profits are determined to be earned and taxed; changes in the estimates of credits, benefits and deductions; the resolution of issues arising from tax audits with various tax authorities, including payment of interest and penalties; and the ability to realize deferred tax assets. Gains or losses from equity securities and interest and other could vary from expectations depending on gains or losses on the sale, exchange, change in the fair value or impairments of debt and equity investments; interest rates; cash balances; and changes in fair value of derivative instruments. The majority of Intel's non-marketable equity investment portfolio balance is concentrated in companies in the flash memory market segment, and declines in this market segment or changes in management's plans with respect to Intel's investments in this market segment could result in significant impairment charges, impacting restructuring charges as well as gains/losses on equity investments and interest and other. Intel's results could be affected by adverse economic, social, political and physical/infrastructure conditions in countries where Intel, its customers or its suppliers operate, including military conflict and other security risks, natural disasters, infrastructure disruptions, health concerns and fluctuations in currency exchange rates. Expenses, particularly certain marketing and compensation expenses, as well as restructuring and asset impairment charges, vary depending on the level of demand for Intel's products and the level of revenue and profits. Intel's results could be affected by the timing of closing of acquisitions and divestitures. Intel's results could be affected by adverse effects associated with product defects and errata (deviations from published specifications), and by litigation or regulatory matters involving intellectual property, stockholder, consumer, antitrust, disclosure and other issues, such as the litigation and regulatory matters described in Intel's SEC reports. An unfavorable ruling could include monetary damages or an injunction prohibiting intel from manufacturing or selling one or more products, precluding particular business practices, impacting intel's ability to design its products, or requiring other remedies such as compulsory licensing of intellectual property. A detailed discussion of these and other factors that could affect intel's results is included in intel's SEC filings, including the company's most recent Form 10-Q, Form 10-K and earnings release.

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