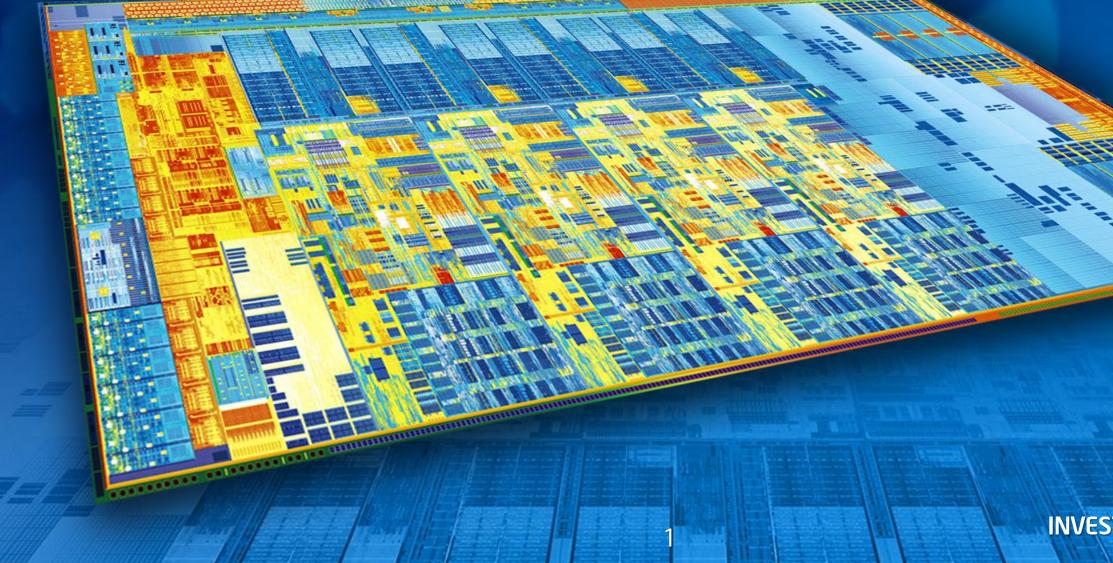


## **INVESTOR MEETING** 2012 Paul S. Otellini President and Chief Executive Officer



#### **Key Messages**

- Our investments and actions over the past 5 years are delivering sustained growth
- The ubiquity of computing is creating unprecedented opportunities for Intel
- We are developing integrated capabilities that will enable our customers to deliver the best computing experiences
- We have a unique set of assets that will increase our competitive position and our value over the next decade

#### A Roadmap To Sustained Growth







2009 Extending Intel Architecture

(intel) Xeon 🗢 🎫 🗇 💺 SPECTRUM OF COMPUTING

2010 Enabling Solutions Across The Compute Continuum



2008 R&D Spending

20% in NEW AREAS

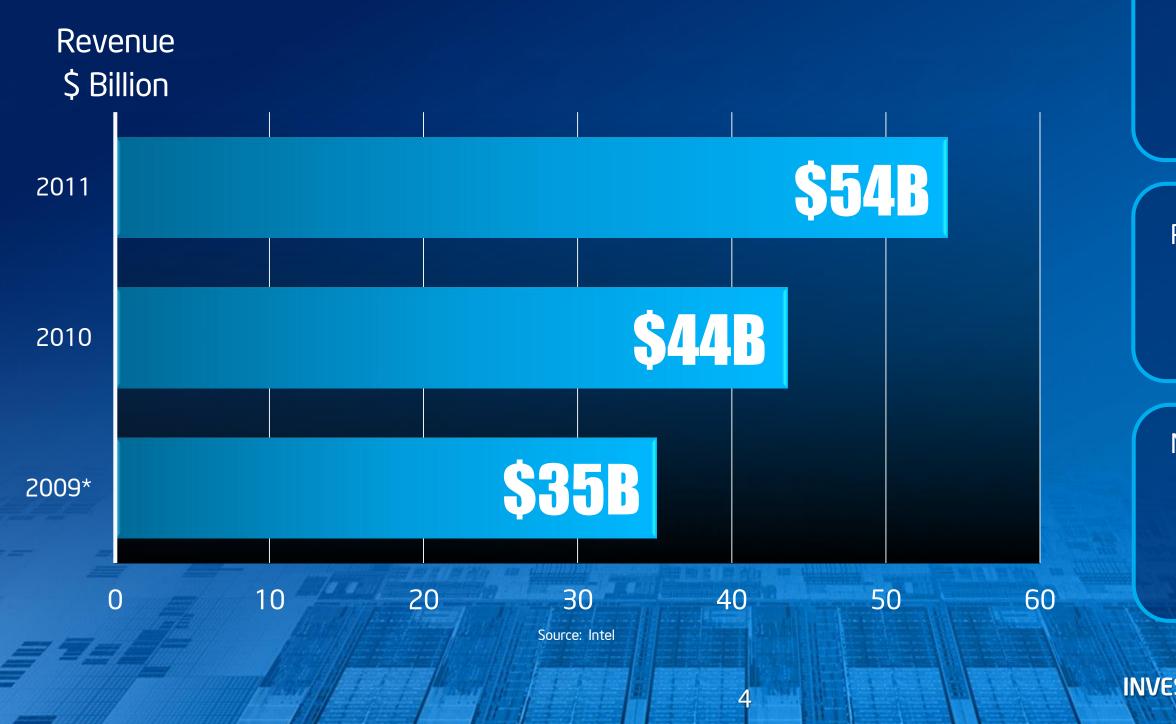
#### 2008 Investing For Growth In New Areas





Connectivity Security Infineon 🔍 McAfee

## Intel's Best Year Ever ... Again!

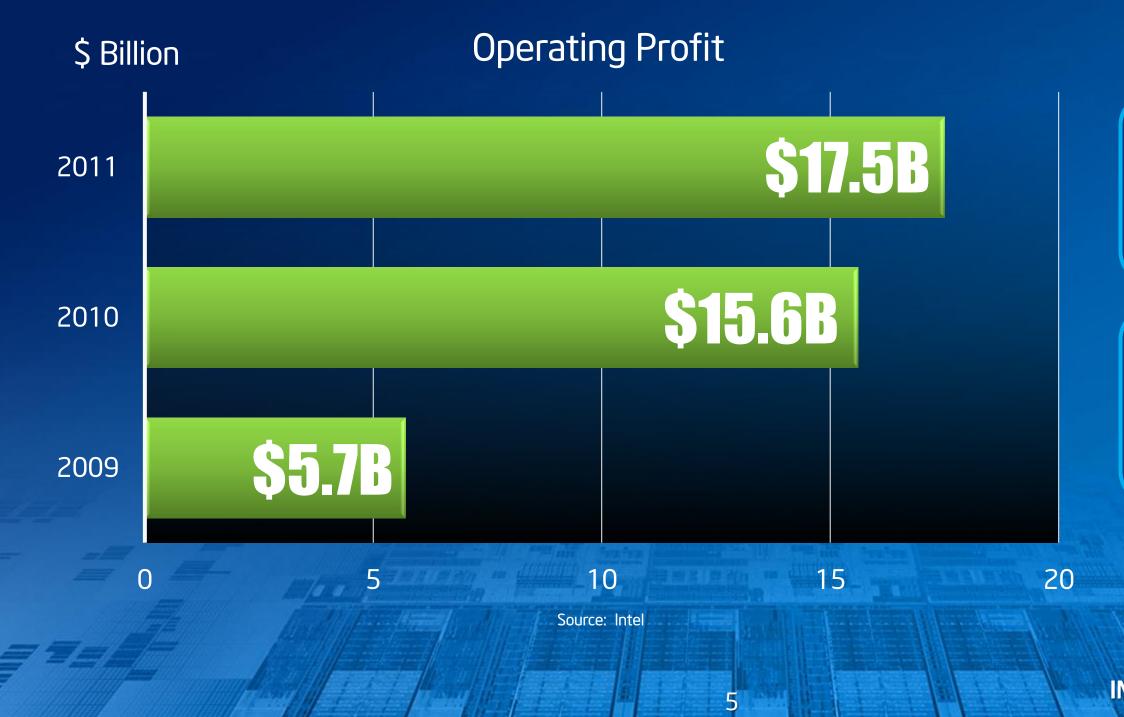




#### Datacenter and PC Business Each Up 170/0 YoY

McAfee and IMC add ~\$4BB to Top Line

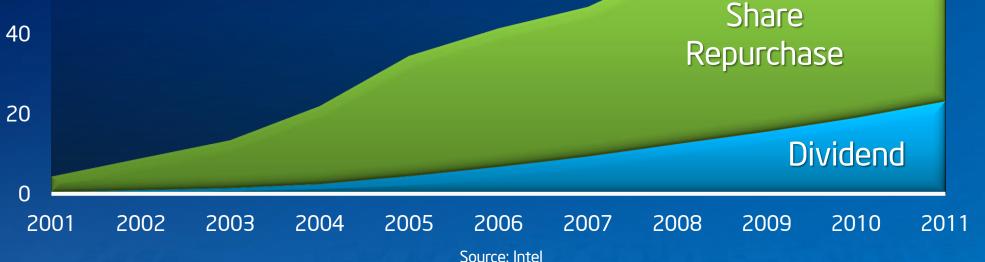
### **Growing Profits**





## EPS Growth

# Spillion 80 60



"Top Dividend Stock of the Nasdaq 100" Forbes

6

## Dividend Yield



## The Evolution of **PERSONAL COMPUTING**





1995 TAM:



2005 TAM:

Source: IDC \* Forecast

## Ubiquity 10s

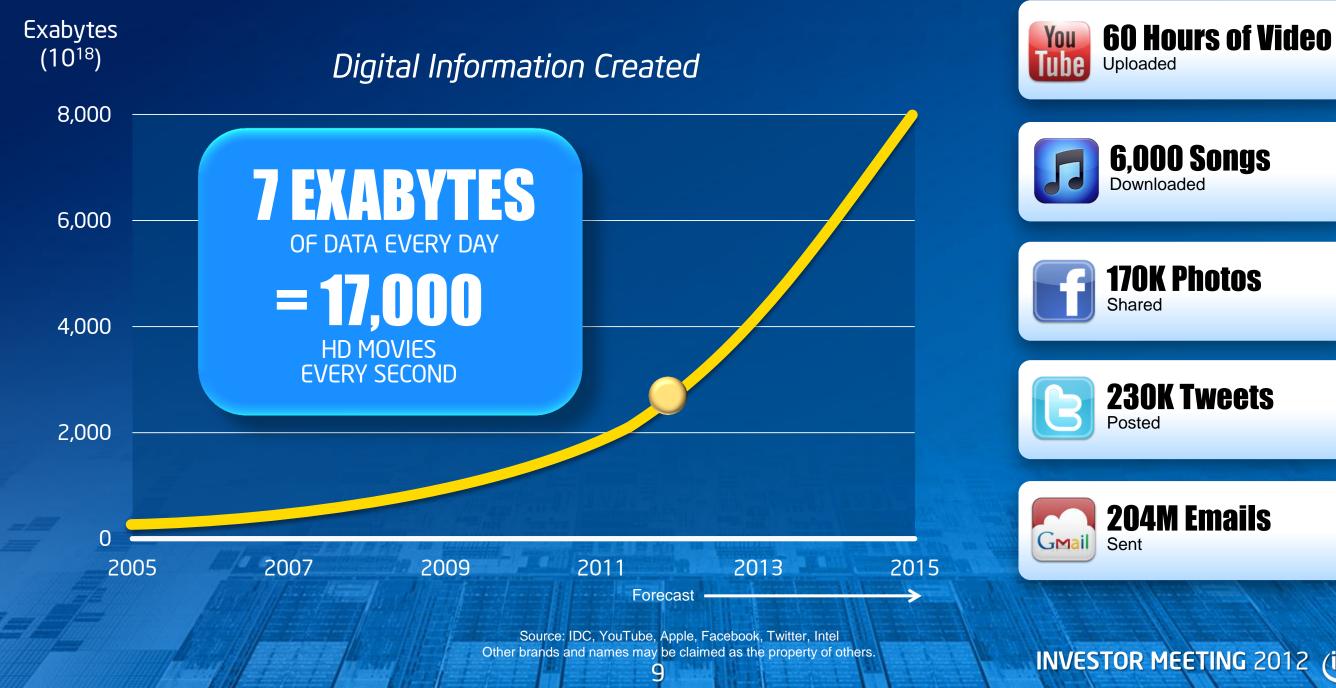
## 2015 TAM:

## Ubiquitous Computing OPPORTUNITY



**Cloud and Data Center** Personal Computing Mobile Devices Intelligent Systems

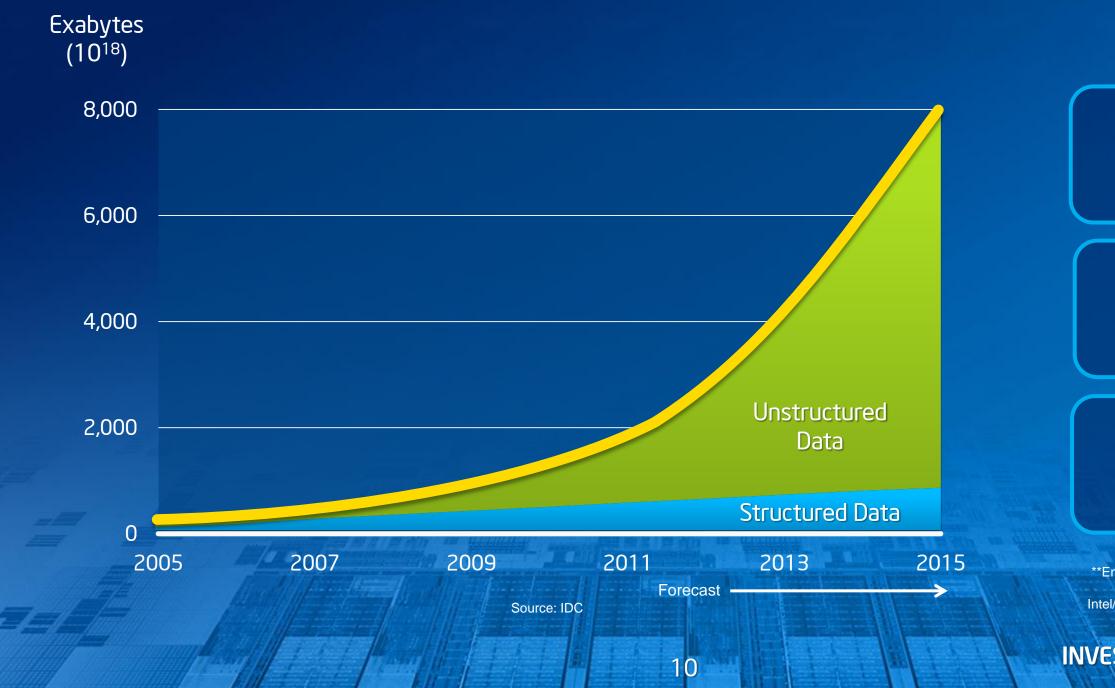
## **DATA GROWTH**



#### What Happens in **ONE MINUTE?**

intel

## **BIG DATA Driving BIG GROWTH**



#### 2005-2015\*

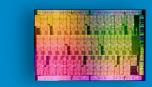
Storage\*\* **25** 

### Cloud Compute 100X

### Transistors 200X

\*Forecast \*\*Enterprise Storage Capacity Shipments Source: IDC, Intel, Intel/World Semiconductor Trade Statistics

#### Intel Powering the Data Center From TERAFLOPS to MILLIWATTS



High Performance Computing



**Microserver Applications** 





#### Silicon, Software, Solutions Driving Continued Datacenter Growth

Other brands and names may be claimed as the property of others

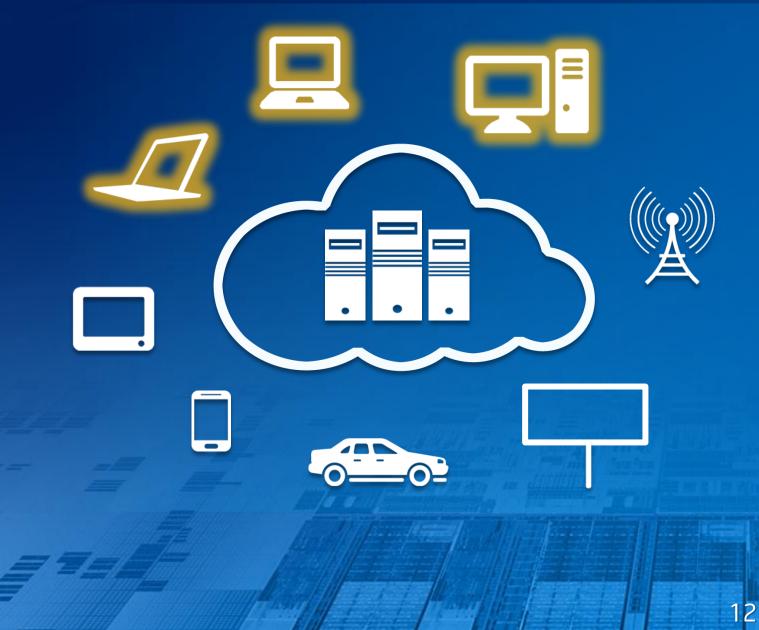
11







## Ubiquitous Computing OPPORTUNITY



**Cloud and Data Center Personal Computing Mobile Devices** Intelligent Systems

### Emerging Markets Driving GROWTH





2016\* **PC Consumption Top 5 Countries** China U.S. Brazil Russia India



\*Forecast Source: Intel Estimates 13

**INVESTOR MEETING 2012 (intel)** 

#### Redefining the Consumer PC Experience

4

#### Investor Meeting 2011



#### TODAY: **110+ Designs**

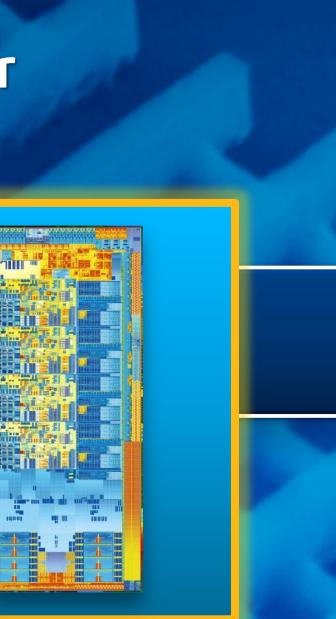
## **3<sup>rd</sup> Generation Intel<sup>®</sup> Core<sup>™</sup> Processor**



TOCK	TICK	TOCK	
2009	2010	2011	
Nehalem	Westmere	Sandy Bridge	lvy Bridge
<b>45nm</b>	<b>32nm</b>	<b>32nm</b>	22nm
			CORE TO SAN A SAN

#### 22nm Innovation Coming Soon To Ultrabook<sup>™</sup>





### Ultrabook<sup>™</sup> Innovation



#### Creative Designs, New User Interfaces, Better Experiences

\*Other brands and names may be claimed as the property of others



## Ubiquitous Computing OPPORTUNITY



**Cloud and Data Center** Personal Computing **Mobile Devices** Intelligent Systems

### Intel Mobile COMMUNICATIONS

Leadership in Low Power RF
Broad Customer Base
400M+ Units in 2011
\$2B+ Revenue in 2011



Source: Intel Other brands and names may be claimed as the property of others

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#### NOKIA



### Bringing Intel Innovation to PHONES



#### HIGH PERFORMANCE Intel® Atom™ Z2460 Up to 2.0 GHz Processor HSPA+



#### **EXTREMETECH** Medfield Slashes Power Consumption

January 17, 2012

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20



#### Intel Smartphone Chip No.1 in Some Benchmarks January 12, 2012



### New Phone PARTNERS

Handset OEMs

New Markets, New Customers

#### Software and Services









#### ... And We're Just Getting Started!

Other brands and names may be claimed as the property of others.

2





### Bringing Intel Innovation to Windows 8\* TABLETS



#### New Experiences



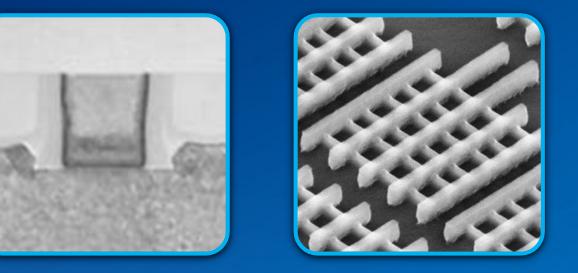
**Existing Applications** and Peripherals

Performance Leadership Broad Application Support >20 Designs

\*Other brands and names may be claimed as the property of others. 22

### Applying Technology Leadership to DEVICES

2012	2013*
32 nm	22 nm





#### Accelerating Atom<sup>™</sup> Roadmap To 2X Moore's Law

\*Target Sample Year. All products, designs, dates and figures specified are preliminary based on current expectations, and are subject to change without notice.

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#### IN DEVELOPMENT



## Ubiquitous Computing OPPORTUNITY



**Cloud and Data Center** Personal Computing **Mobile Devices Intelligent Systems** 

#### From Embedded Applications...

### to INTELLIGENT SYSTEMS



#### \$2B\* Business in 2012 and Growing

\*Estimate

25

Security
Connectivity
Manageability
Performance

### Intelligent System PARTNERS



#### Bringing The Benefits Of Intel Architecture To New Segments

Other brands and names may be claimed as the property of others 26







#### Delivering Experiences Across the **COMPUTE CONTINUUM**

Scalable Architecture Engaging, Consistent, Secure, Aware

Single Programming Model

Multiple Platforms



Other brands and names may be claimed as the property of others







#### Any Device Multiple Platforms

### The Best Experiences Start with the **BEST TRANSISTORS**

Higher Integration

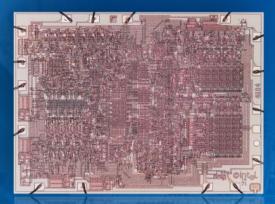
- More Energy Efficient
- Better Performance

Lower Cost



Intel: Delivering on **MOORE'S LAW** for Over 40 Years

4004 (1971)

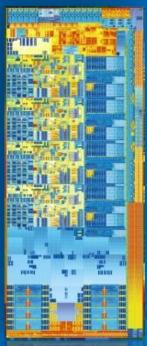


4,000 Faster **5,000** Less Energy/ Transistor 50,000 Cheaper/ Transistor

Source: Intel 30



#### 3<sup>rd</sup> Generation Intel<sup>®</sup> Core<sup>™</sup> Processor (2012)



#### A Brief History of the SEMICONDUCTOR INDUSTRY

Integrated Design & Manufacturing 1960s-70s **Emergence of Fabless Companies** 1980s-90s Logic IDMs Shift To Foundries 2000s

### Intel Innovation Powering MOORE'S LAW



Strained Si 3 Year Lead

High-k Metal Gate 3.5 Year Lead

Tri-Gate 4 Year Lead?

Source: Intel

#### 22nm vs 90nm

## Process Steps 2

## Mfg Database

## Transistors on Lead Product

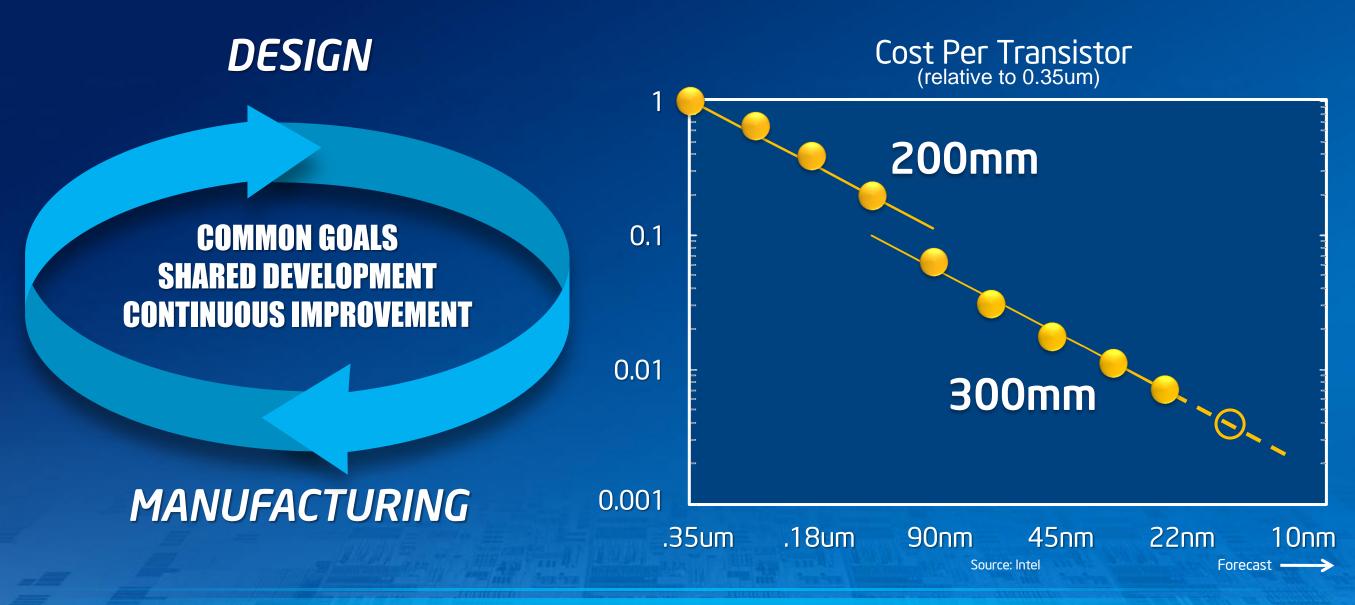
## **The IDM ADVANTAGE** DESIGN

#### **COMMON GOALS SHARED DEVELOPMENT CONTINUOUS IMPROVEMENT**

#### MANUFACTURING



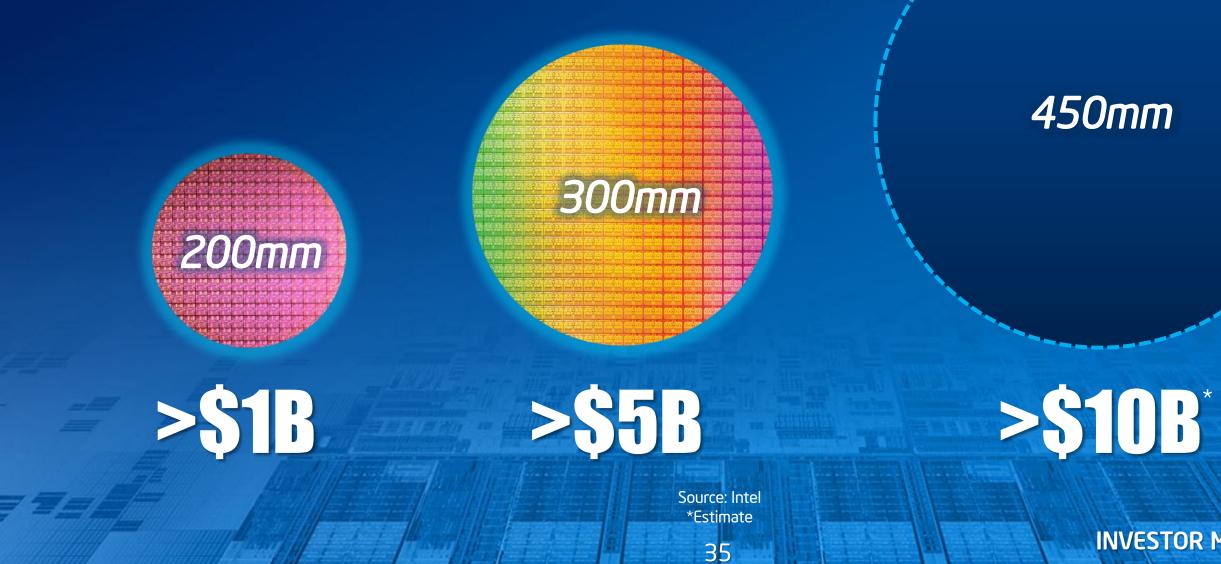
### The IDM ADVANTAGE



Common Goals + Shared Development = Lower Cost/Transistor

34

#### Investment Needed For ONE LEADING EDGE FAB





#### An Inflection Point In SEMICONDUCTORS

60s-70s IDMs

80s-00s Fabless & Foundry

> **Rising Complexity** More Invention Larger Scale

intel

**Best Transistors** More Integration

**Industry Consolidation Commodity Semiconductors** Trailing Edge Technologies

Intel Invention + Investments Have Us Well Positioned

36

2010+

## **Increased IDM Differentiation**

Intel R&D PIPELINE				
2011	2013	2015+		
22 nm	14 nm	10 nm	7 nm	
<b>IN PRODUCTION</b>	IN DEVELOPMENT	Lithography	V RESEARC Materials • and more	
Innova	nting for the Next	Decade of Co	mnuting	

5







#### CH Interconnect

## Investing for the FUTURE

#### 22nm Fab Upgrades

#### 14nm and Beyond

D1D/C Oregon	Fab 32/12 Arizona	Fab 28 Israel	D1X Oregon	Fab 42 Arizona
77= <b>E</b>				



#### Fab 24 Ireland



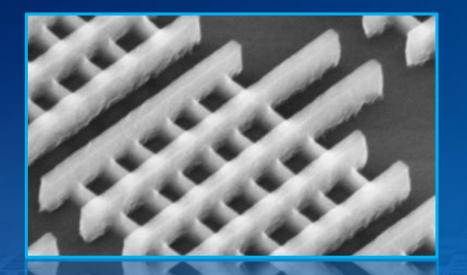


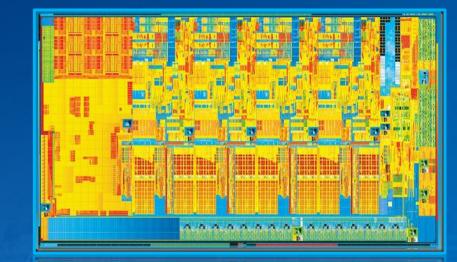
**INVESTOR MEETING 2012** 2 (intel) Source: Intel

#### **Delivering Value to Our Customers and** Shareholders Through ...

#### Silicon Technology

#### Architecture Innovation

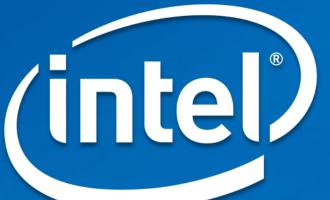








#### and a World-Class Brand



## Summary

40

- We are well positioned to power the next decade of computing
  - Reinventing the PC with Ultrabook<sup>TM</sup>
  - Capitalizing on Data Center & Internet Growth
  - Bringing the best of Intel technologies to phones & tablets
- Our widening technology lead is giving us a sustained, differentiated advantage
- We are returning significant value to our shareholders

**INVESTOR MEETING** 2012

#### **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.





