



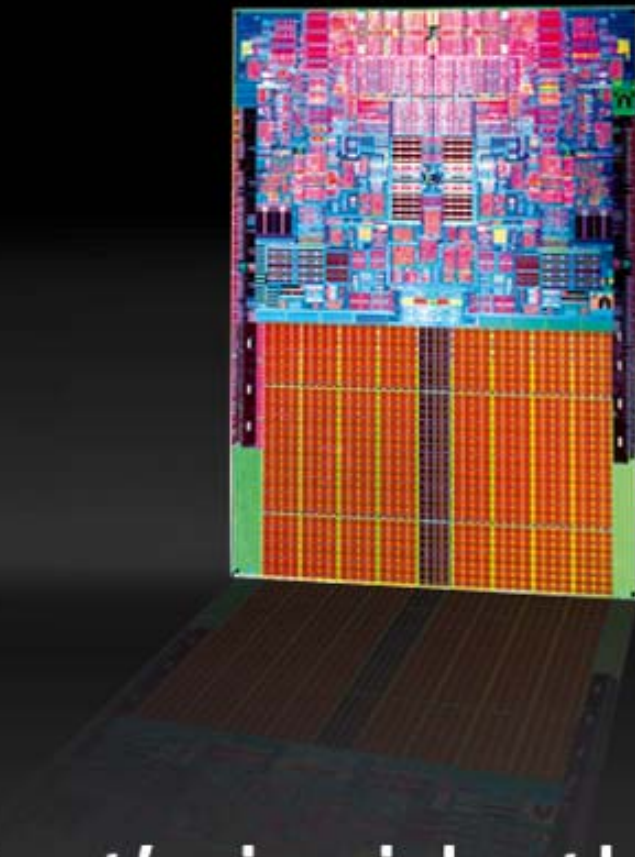
**PAUL S. OTELLINI**

President & Chief Executive Officer

## **Risk Factors**

**Today's presentations contain forward-looking statements. All statements made that are not historical facts are subject to a number of risks and uncertainties, and actual results may differ materially. Please refer to our most recent Earnings Release and our most recent Form 10-Q or 10-K filing available on our website for more information on the risk factors that could cause actual results to differ.**





It's what's inside that counts.





*circa 2001*

**“Do you need more processing power?  
*The answer is no. Processor speeds have  
outstripped what most users do on their PCs.”***

**“Now, more than any other time in the past decade,  
we need the power that comes with new silicon.”**

*September 5, 2006*

**SPEED  
MATTERS AGAIN**





Adobe®  
Photoshop  
Elements

Google™  
Desktop Search

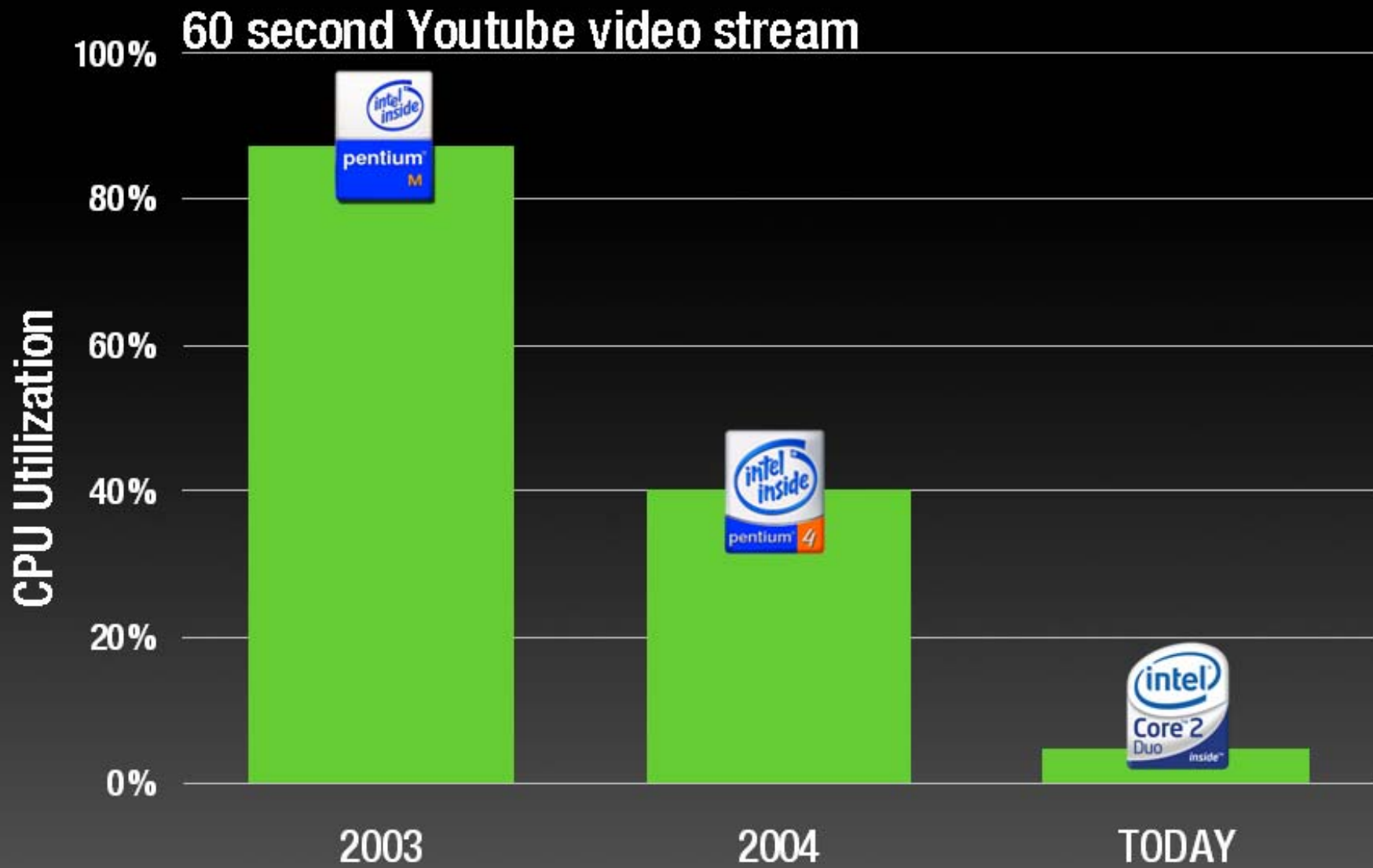


iTunes

Norton  
AntiVirus™



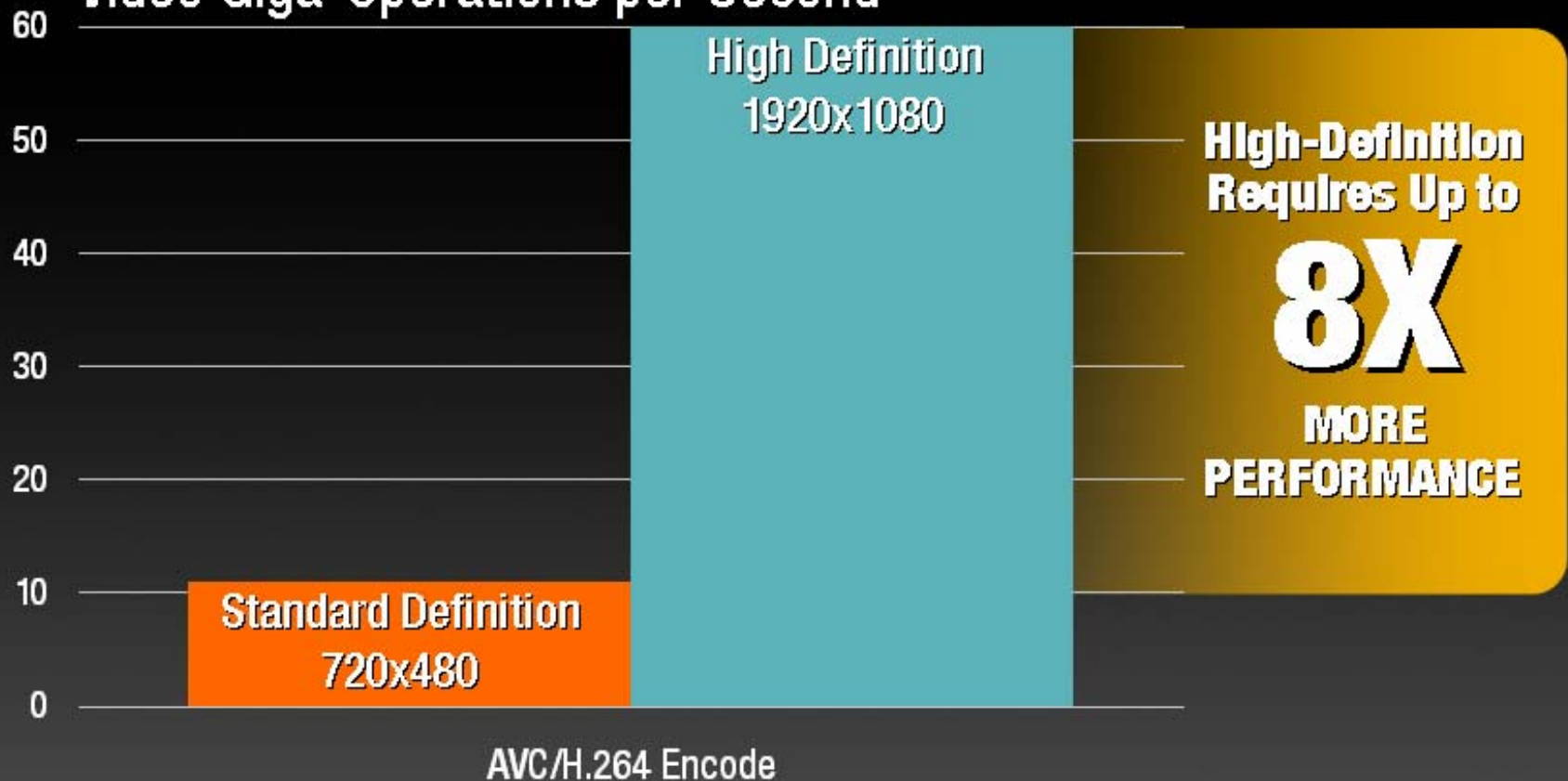
Windows Vista™



Source: Intel

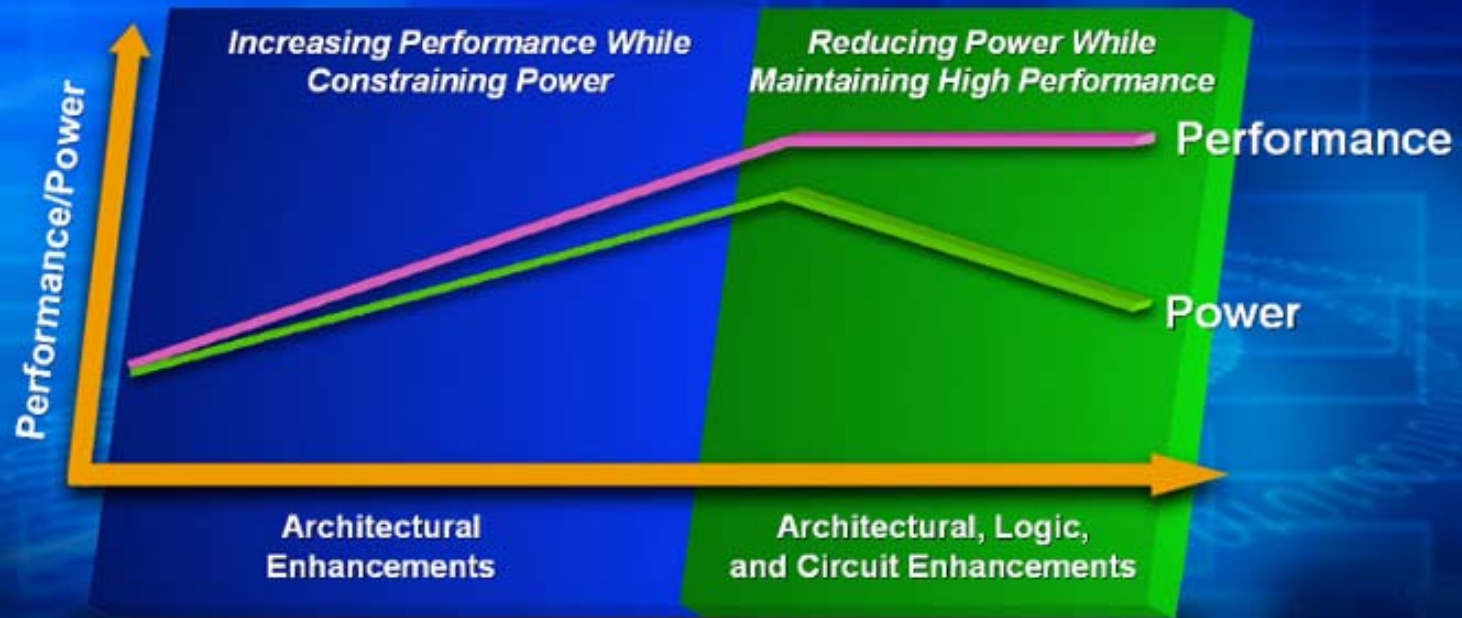


## Video Giga-Operations per Second



# IDF 2001

## Moving Beyond GHz



Enhancements  
Architecture

and Circuit Enhancements  
Architecture, Logic







**2003**

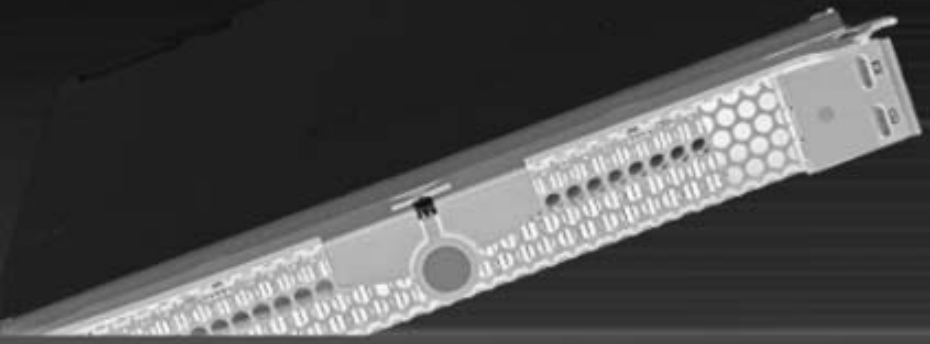


**1<sup>st</sup> Generation  
Pentium® M**

**2004**



**2<sup>nd</sup> Generation  
Pentium® M**





**2003**



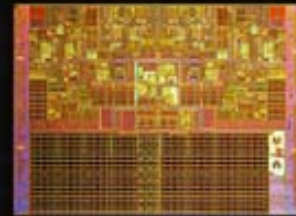
**1<sup>st</sup> Generation  
Pentium® M**

**2004**

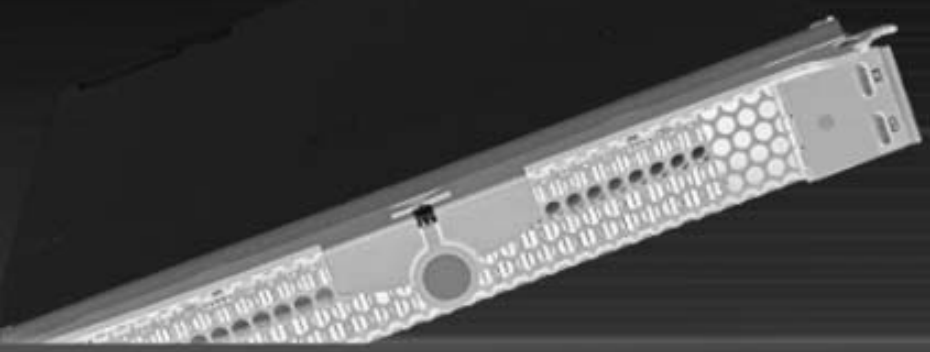


**2<sup>nd</sup> Generation  
Pentium® M**

**2006**

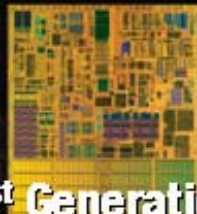


**Core™ Duo**





**2003**



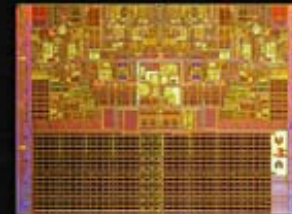
**1<sup>st</sup> Generation  
Pentium® M**

**2004**



**2<sup>nd</sup> Generation  
Pentium® M**

**2006**

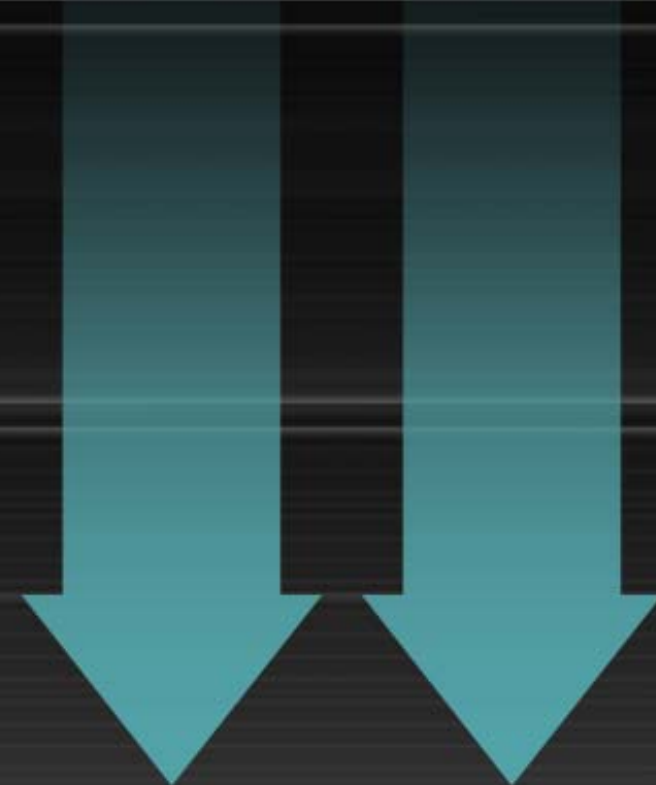
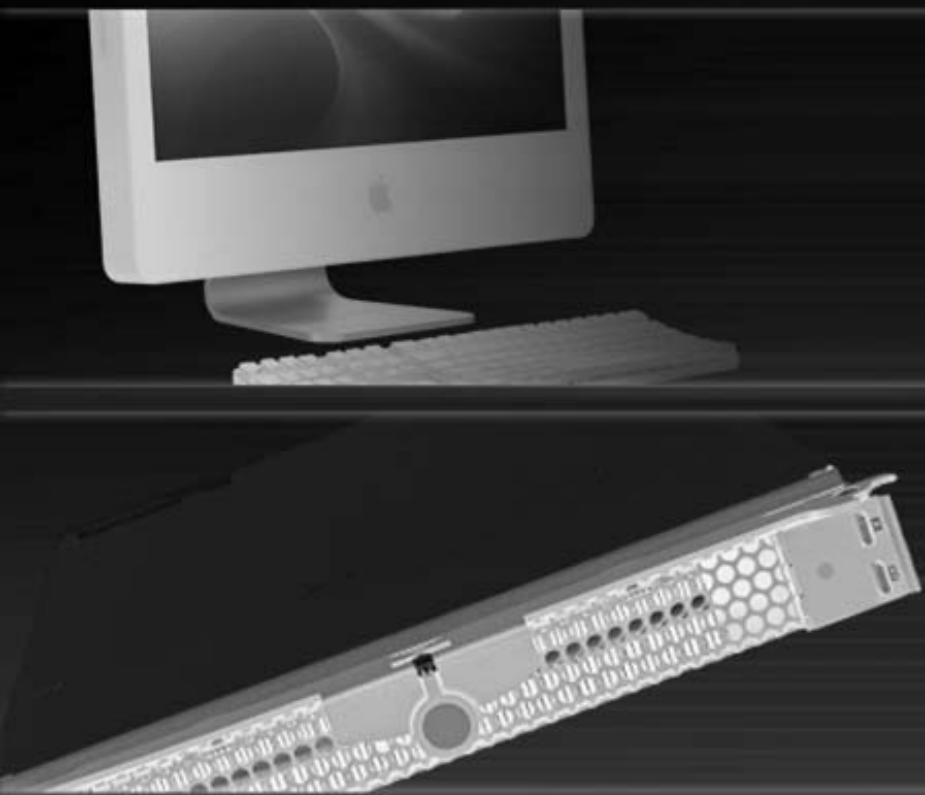


**Core™ Duo**

**July '06**



**Core™ 2 Duo**



**Energy Efficient Performance Matters  
in ALL Markets**





**Phil Schiller**

**Senior Vice President of Worldwide Product Marketing**

**Apple**

















Inbox

From	Subject
Gregory Floyd	No Escape
Caelan Stackhouse	Are you going my way?
• Timothy Kettle	Check out this Tiger
• Jim Wulfe	Let's do this Monday
• Jules Guthrie	Monday Review Notes

Video conference window with three main participants and one inset participant.

Spotlight National Park

- Show all (203)
- Top Hit: Confirmation of reservation
- Contacts: Rocky Meadow, Old Faithful Visitor Center
- Documents: 2004 Water Plan, Trip Report, Vacation Budget
- Images: Deer, Bison Sunset, Geyser
- Events & To Do's: Yosemite Trip May 2005, Yellowstone Trip December..., Bryce Canyon Trip June 2004
- Mail Messages: Confirmation of reservation, Can I come?, Re: Where should we stay?, Where should we stay?
- PDF Documents: Rocky Meadow - Overview, Bryce Canyon map, Yellowstone Park map, Yosemite Valley hiking trails, Old Faithful Lodge - Overvi...
- Folders: Yosemite, Bryce Canyon
- Spotlight Preferences...





Introducing the best  
microprocessor on earth...



July 27, 2006



Game  
Performance  
**82%**  
**BETTER**

Audio  
Performance  
**39%**  
**BETTER**

Video  
Encoding  
**35%**  
**BETTER**

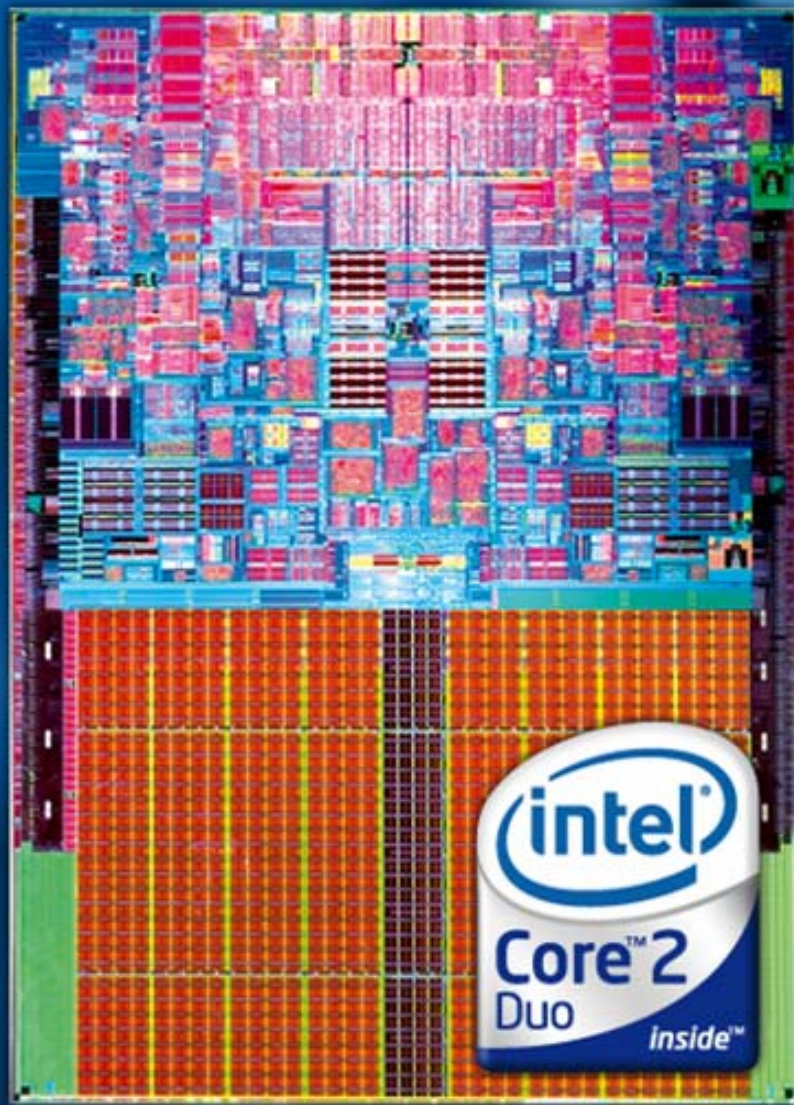
Power  
Usage  
**20%**  
**LESS**

Core™ 2 Extreme x6800 compared to Pentium® Extreme Edition 965

**“Jaw Droppingly Fast”**



Source: PC Magazine, September 5, 2006



Over  
**5,000,000**  
in less than  
**60 days**







**Core™**  
Microarchitecture



**SUBNOTEBOOK**

**5W**



**THIN/LITE  
NOTEBOOK**



**DESKTOP**



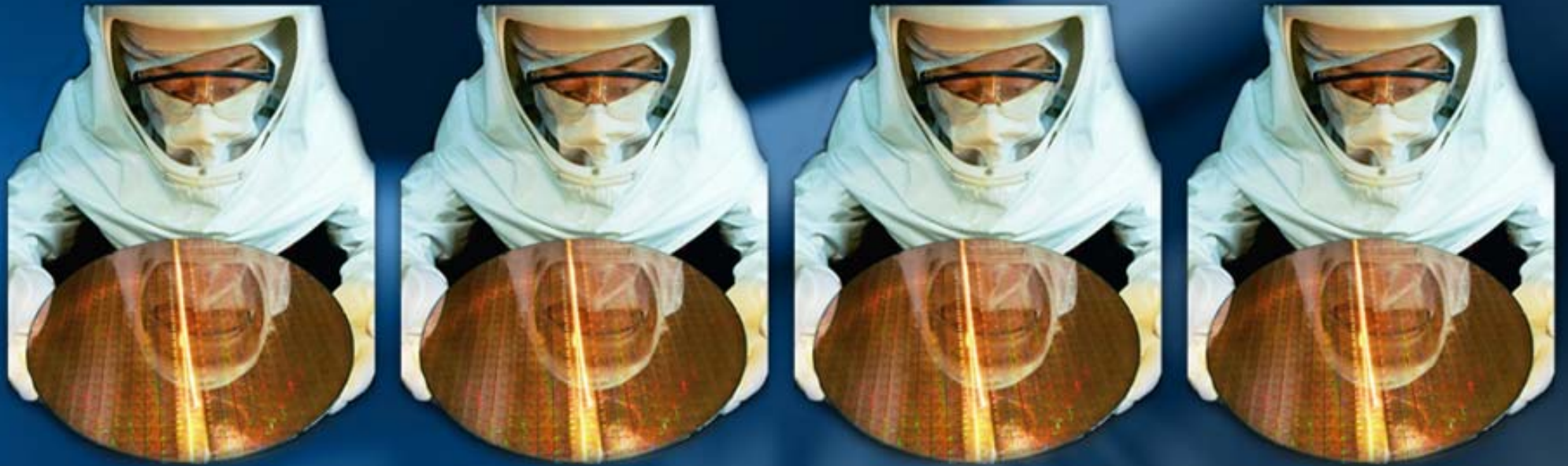
**DP SERVER**

**95W**

**Delivering World's Best Performance  
and Energy Efficiency**



# WHAT'S NEXT?



# WHAT'S NEXT?



# Quad-Core: Coming November 2006



# Q1'07



**“It’s like being catapulted  
a year into the future”**



SPECint\_rate

**70%**

**BETTER**

Core™ 2 Extreme QX6700 compared to Core™ 2 Extreme x6800





**Markus Maki**

**Founder and Chairman**

**Remedy**

**DELL™**

**PC *overdrive* PC**



**IBUYPOWER**

**Monarch Computer.com™**

**Gateway®**

**ALIENWARE** 



**Falcon**  
Northwest



**CyberPower Inc.**



**VIGOR™**



**Uoodoo**



**VELOCITY™**  
m i c r o

**ABS**





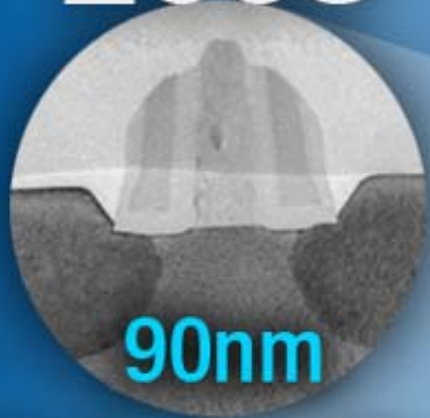
Relative Manufacturing Cost per Component



Number of Components per Integrated Circuit



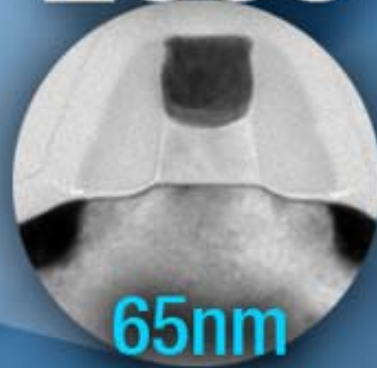
2003



90nm

**1<sup>st</sup> Generation  
Strained Silicon**

2005



65nm

**2<sup>nd</sup> Generation  
Strained Silicon**

**Up to 30%**  
performance increase  
**Up to 5X**  
leakage reduction



# 65nm CPU Shipments



**REST of  
INDUSTRY**

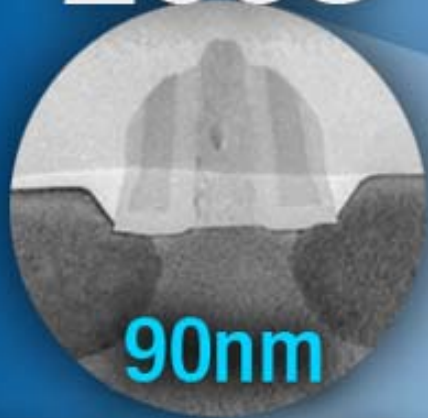
40,000,000

0

**8,000,000,000,000,000  
transistors**



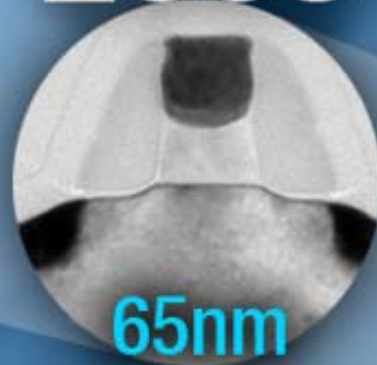
2003



90nm

**1<sup>st</sup> Generation  
Strained Silicon**

2005



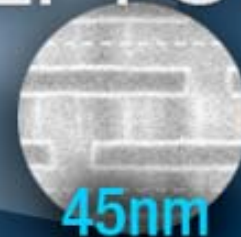
65nm

**2<sup>nd</sup> Generation  
Strained Silicon**

**Up to 20%**  
performance increase

**Up to 5X**  
leakage reduction

2H'07



45nm




# Fab D1D—Oregon



Source: Google Maps



The background of the slide is a close-up, slightly blurred view of a grid of Intel processors. Each processor is a square chip with a green base and a silver top. The Intel logo and '45nm' are visible on the silver surface of each chip. The text '15 45nm PRODUCTS in DEVELOPMENT' is overlaid on the center of the image.

# 15 45nm PRODUCTS in DEVELOPMENT



65nm

45nm

32nm

**Intel® Core™**  
Microarchitecture

**NEHALEM**  
New microarchitecture

**GESHER**  
New microarchitecture

2006

2008

2010

**>300%** Performance  
per watt increase



**World's 1<sup>st</sup> Teraflop Supercomputer**

**ASCI Red circa 1996**





World's 1<sup>st</sup> Teraflop Supercomputer

ASCI Red circa 1996

# Teraflop on a Chip



2006





home

enterprise

mobile



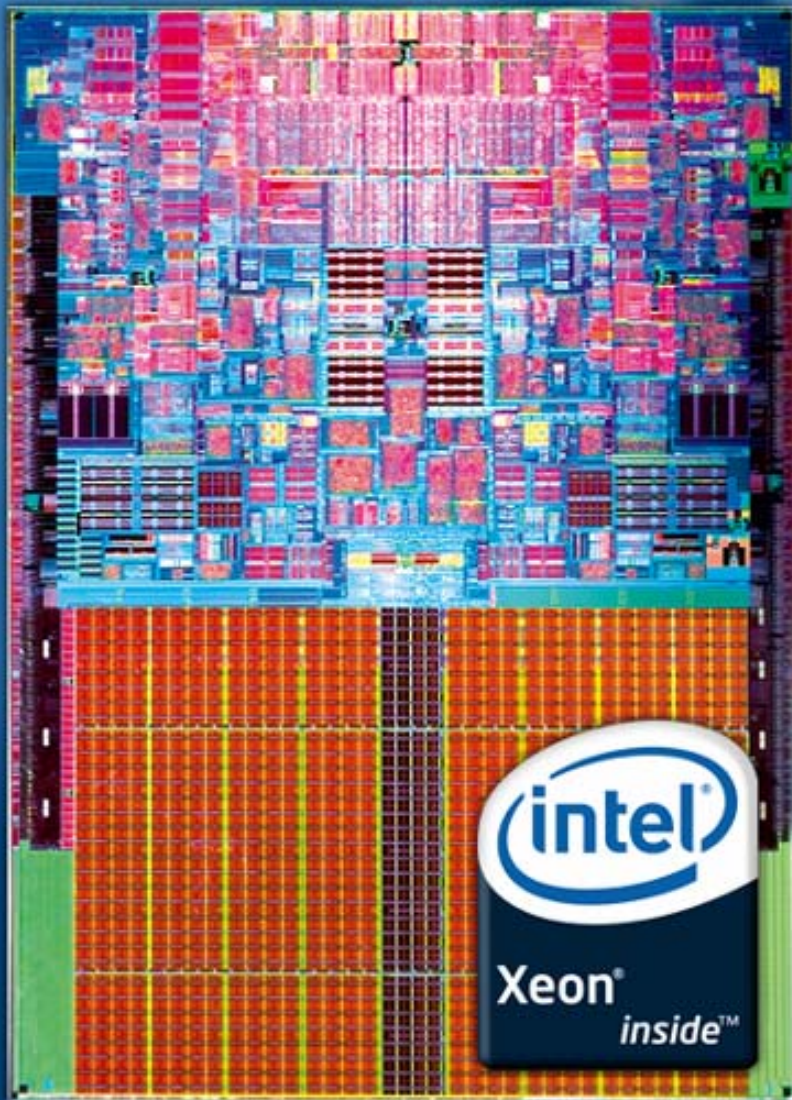
**“Yahoo, Google, and Microsoft  
all are building their server farms  
in the Pacific Northwest, near hydroelectric  
power plants selling cheap electricity.”**

Fortune, August 1, 2006

**YAHOO!** **Google**<sup>™</sup> **Microsoft**<sup>®</sup>



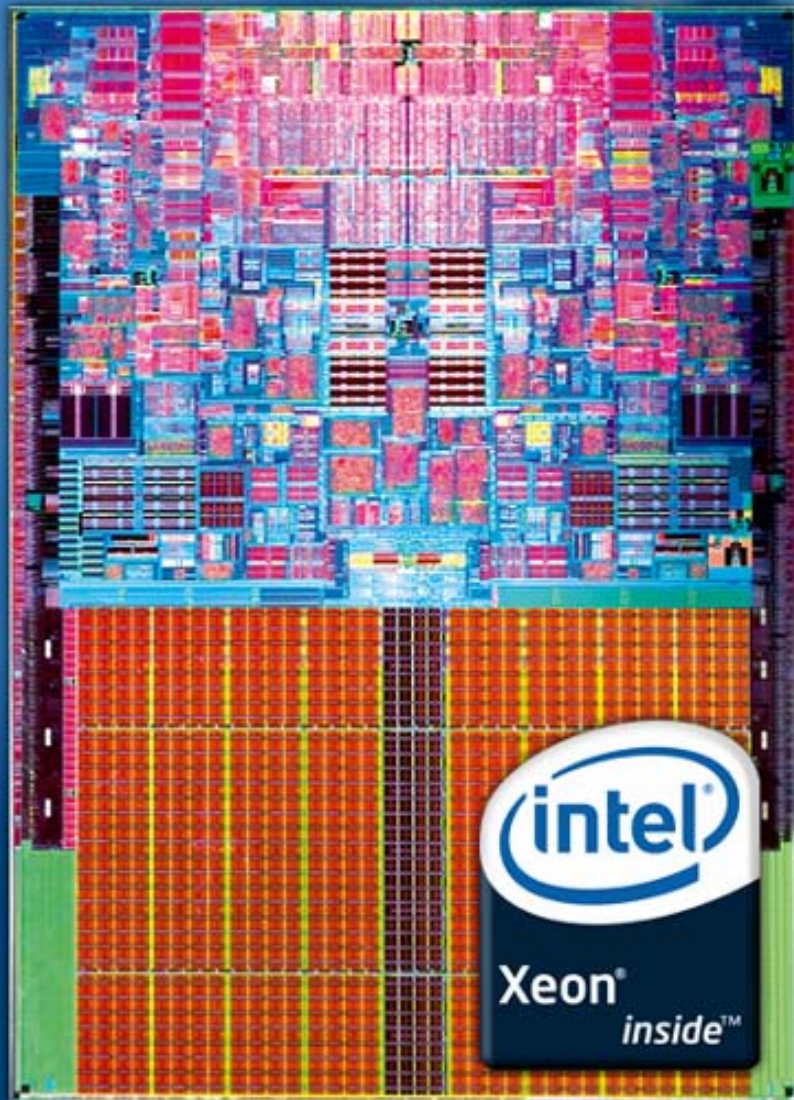
**Launched June 26, 2006**



**“Xeon 5100 outperforms  
all of the competition  
and it does so with lower  
power consumption.”**

Anandtech.com, July 13, 2006





Intel Xeon 5100  
**1,000,000 shipped**



**NOV. '06**



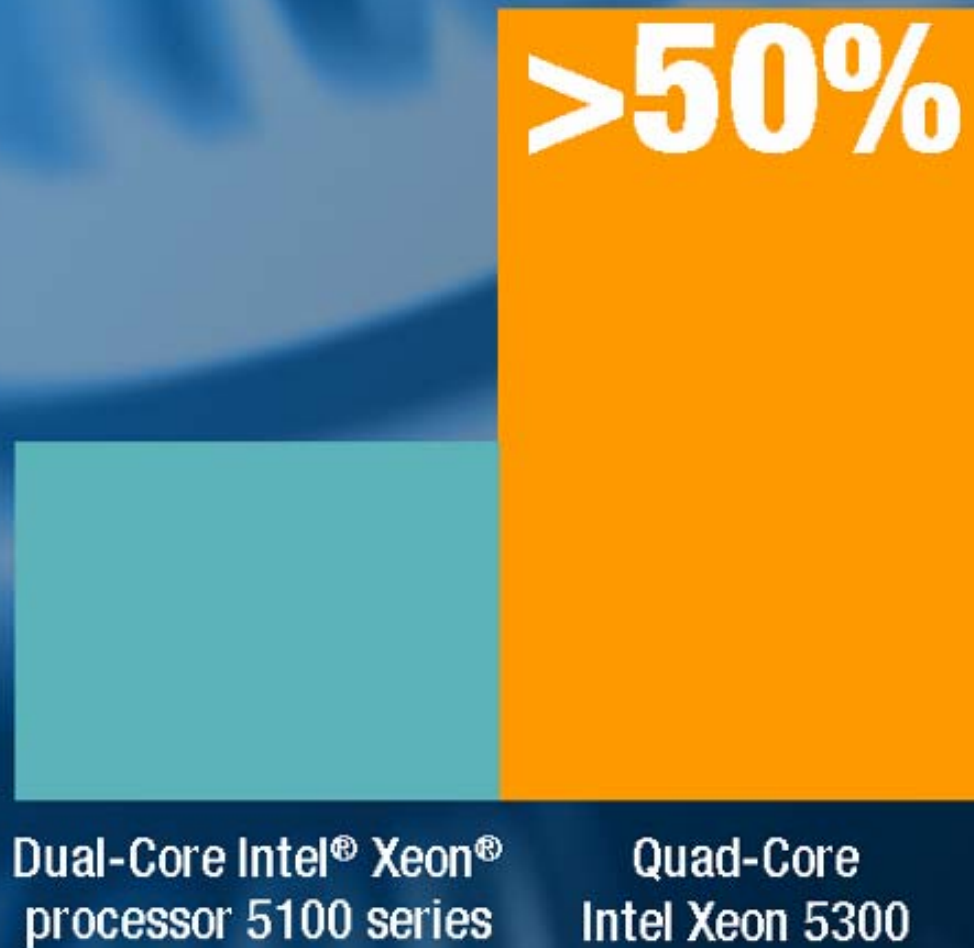
**Q1 '07**



**~40%**  
**POWER**  
**REDUCTION**  
**to 50W**



# SPECint\_rate



Dual-Core Intel<sup>®</sup> Xeon<sup>®</sup>  
processor 5100 series

Quad-Core  
Intel Xeon 5300





**Tom Barton**

**Chief Executive Officer**

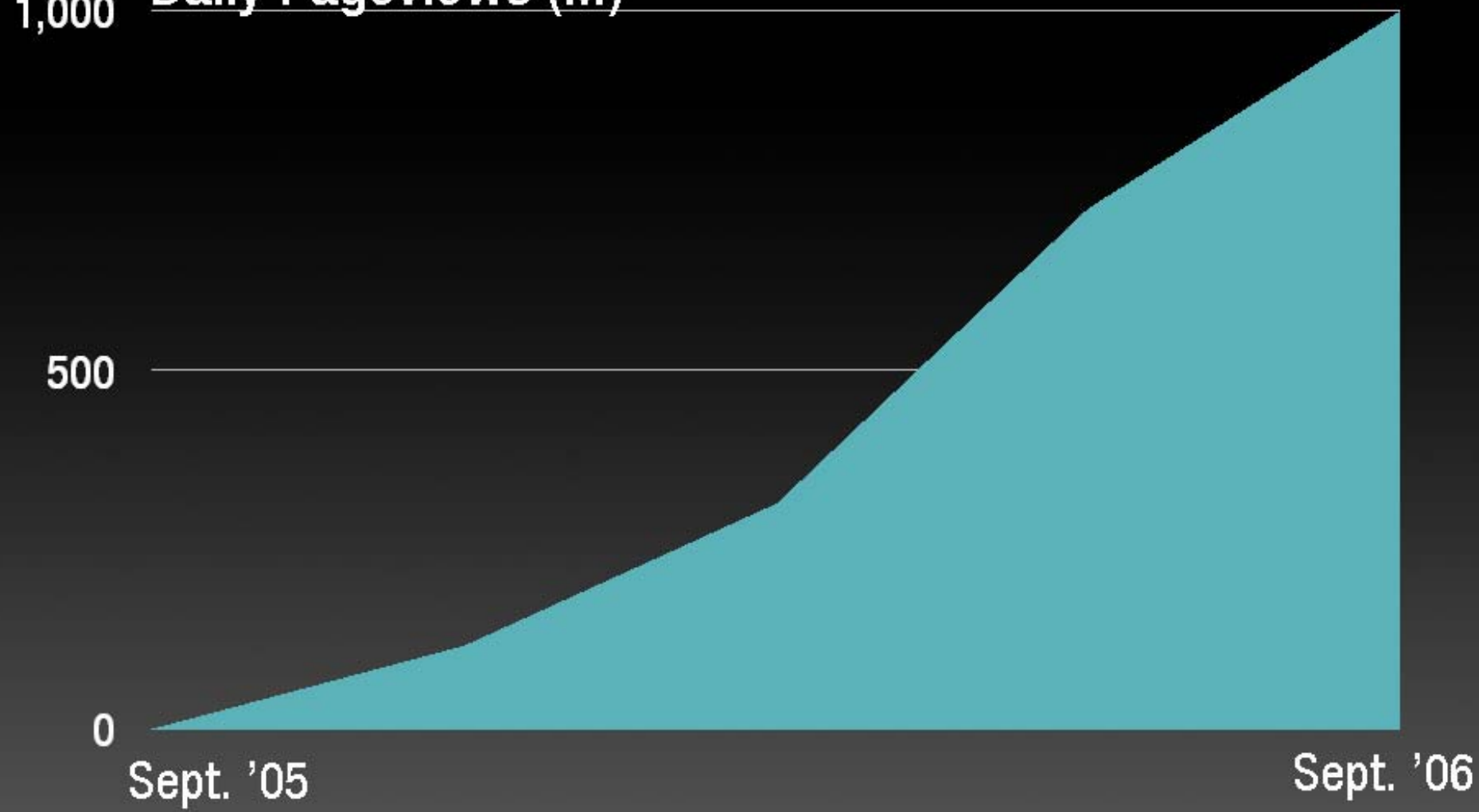
**Rackable Systems**







# Daily Pageviews (M)



Source: Nielsen/Netratings



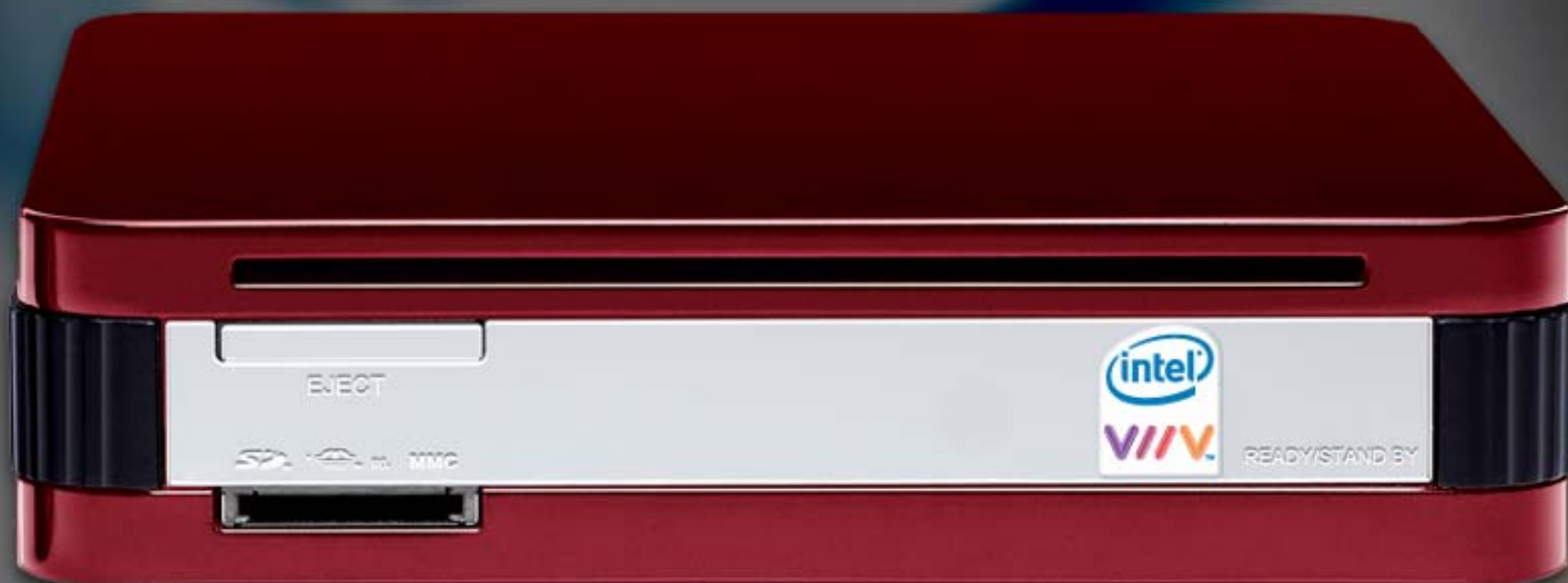
# *Intel<sup>®</sup> Architecture Inside*



# JANUARY 2006

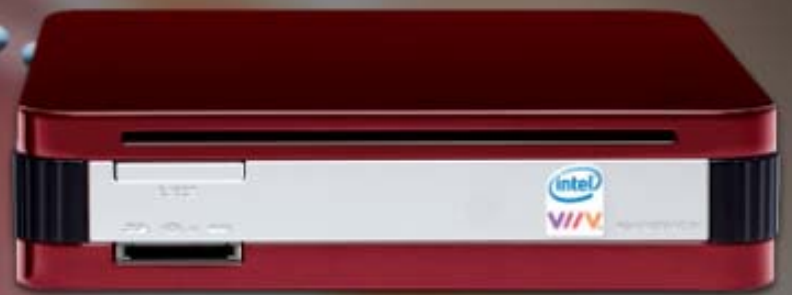


# AVAILABLE NOW



Intel®  
Media  
Server





Available Q4'06

**D-Link**<sup>®</sup>



***BUFFALO***



**NETGEAR**<sup>®</sup>

**CREATIVE**

**LINKSYS**<sup>®</sup>

***acer***<sup>®</sup>





# JANUARY 2006

## ~50 VERIFIED SERVICES

mtv OVERDRIVE

ESPN  
Motion



▶ CANALPLAY



...T...Online



AOL



METABOLI  
GAMES ON DEMAND



GAMETAP





**TODAY**

**~150 VERIFIED SERVICES**



Home

## NFL GameChannel OK

ARI **12** 12:23 4th **18** BUF



Press OK on remote for more!


Fantasy 1

Fantasy 2

StatTracker®

My Teams



 Scoreboard

Settings

Help

**GMC** We are professional grade.



# AOL video

▲  
What's Hot

Browse Videos

NOW PLAYING:

Search Videos



My Videos

Best of Unscripte...  
Steven Spielberg...

Settings

▼  
Looking for all the movies by your favorite director, all  
TV series with your favorite actor, or all music videos

# NBC UNIVERSAL

## FEATURED SHOW



### HEROES

Lorem ipsum dolor sit amet, conse tetur sadipscing elit, sed diam nonumy eirmod tempor invidunt ut labore.

## FALL PREMIERES

**Friday Night Lights**  
Tuesdays 8/7c

**Heroes**  
Mondays 9/8c

**Kidnapped**  
Wednesdays 10/9c

**Studio 60**  
Mondays 10/9c

## DOWNLOAD YOUR EXCLUSIVE VIDEO CONTENT BELOW



**Friday Night Lights**  
Tuesdays 8/7c

**Heroes**  
Mondays 9/8c

**Kidnapped**  
Wednesdays 10/9c



**Friday Night Lights**  
Tuesdays 8/7c

**Heroes**  
Mondays 9/8c

**Kidnapped**  
Wednesdays 10/9c



**Friday Night Lights**  
Tuesdays 8/7c

**Heroes**  
Mondays 9/8c

**Kidnapped**  
Wednesdays 10/9c



**Friday Night Lights**  
Tuesdays 8/7c

**Heroes**  
Mondays 9/8c

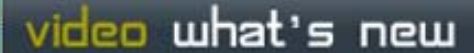
**Kidnapped**  
Wednesdays 10/9c



**Friday Night Lights**  
Tuesdays 8/7c

**Heroes**  
Mondays 9/8c

**Kidnapped**  
Wednesdays 10/9c



**Friday Night Lights**  
Tuesdays 8/7c

**Heroes**  
Mondays 9/8c

**Kidnapped**  
Wednesdays 10/9c



SIGN IN

MANAGE

HELP

MAIN MENU

CLICKSTAR CHANNEL



ABOUT  
CLICKSTAR

FIRST TIME  
INTRO

WHAT'S NEW

BROADBAND  
DEBUTS

PROMOTIONS

My  
Library



### 10 Items or Less





***ANNOUNCING the***

**\$1,000,000**

**Intel® Core™ 2 Challenge**





***circa 1980***



***today***





**2003**

1<sup>st</sup> Generation  
Centrino®



**2004**

2<sup>nd</sup> Generation  
Centrino

Improved Wi-Fi  
Improved Performance  
Longer Battery Life

**2006**

3<sup>rd</sup> Generation  
Centrino

Dual Core





Centrino<sup>®</sup>  
Duo

**2007**  
Next Generation  
Centrino

Wired/Wireless  
Intel<sup>®</sup> Active  
Management  
Technology





BRINGING  
**NAND**  
to the  
NOTEBOOK



**2X** Faster Applications Load Time  
Faster Resume from Hibernate



**.11a/g**

DATA RATE



**54Mbps**

**.11n**

DATA RATE



**>300Mbps**

**>5X faster**



# BROADBAND 2 GO





**“WiMAX will be 4 times faster at 1/10<sup>th</sup> the cost.”**

Gary Forsee, CEO, Sprint Nextel, August 8, 2006



**Clearwire's initial goal is to create a nationwide  
broadband wireless network based on WiMAX.**

Business 2.0, September 20, 2006



# Mobile WiMAX Roadmap for Notebooks

2006/2007

2008



# IDF 2005

Intel  
Architecture

**10X**  
LOWER  
POWER





**2006**

**1H'07**

**2008**

**FUTURE**



$\frac{1}{2}$  the power  
 $\frac{1}{4}$  the size



$\sim 10X$  lower power  
 $\sim \frac{1}{7}$  the size



**HIGHLY  
INTEGRATED SOC**

 CPU Thermal Design Power (watts)

 CPU Packaging (mm<sup>2</sup>)



# WORLD AHEAD

P R O G R A M



# WORLD AHEAD: Launched in 30 countries







**WORLD AHEAD...**



