Sean M. Maloney
Executive Vice President
Sales & Marketing Group
Intel Centrino2 行動世界

回首页 懸賞公告 行動獵人影片公投 行動獵人換你做做看 Intel 行動世界

行動獵人 换你做做看

行動獵人 影片公投
Network Needs For Web 2.0

PC Technology Required for Web 2.0

Next Generation Products
Internet: How Do People Use Their PCs?

- Enjoy Online and Offline Gaming
- Share Photos With Your Community
- Watch Online and Offline HD/BD Video
- Create Videos to Share on YouTube*

*Other names and brands may be claimed as the property of others
The Explosion of Video

Total Broadband Videos Viewed Worldwide

Source: ABI Research
The World is Going HD
None of This Has Been Mobilized Yet
281+ Fixed and Mobile WiMAX Deployments Today:

- **Europe:** 89 Service Providers, 41 Countries
- **Middle East:** 14 Service Providers, 6 Countries
- **Africa:** 51 Service Providers, 27 Countries
- **Asia:** 25 Service Providers, 13 Countries
- **Australia/New Zealand:** 10 Service Providers, 2 Countries

**650M Population Covered by 2010**

Source: Informa
A Vibrant WiMAX Ecosystem
The Internet Performance Requirement

CPU Utilization
(4 Year Old Volume Microprocessor)

Source: Intel

*Other names and brands may be claimed as the property of others
Next Generation Desktops
Introducing The Intel® 4 Series Chipsets for Core™ Processor Family

Ultimate Motherboard Scalability Delivering Unprecedented Platform Performance
Introducing HD to Mainstream Consumer PCs
Over 72 ODMs/OEMs Will Be In Production With 340 Intel® 4 Series Platforms

Thank You For Your Support!
Next Generation Mobile
Intel® Centrino® 2 Processor Technology: Coming Soon

Performance  Battery Life  Wireless  Manageability Virtualization Security
And The Winners Are...
Five Min Killer
Heart Balloon
Funtastic
Paper Airplane
Intel® Centrino® 2 Processor Visual Computing

- Stutter Free HD Playback
- Extended Battery Life
- Stunning Visual Quality
- ~2X 3DMark Performance
- DisplayPort & HDMI with HDCP
- Scalable Power Performance

1 HQV is a standard definition video quality benchmark. Highest possible score is 130.

*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.*
45nm High-k Form Factor Revolution

Stylish Notebook Designs

Mobile Internet Devices
45nm High-k Gives Best Internet Experience In Your Pocket

Intel® Centrino® Atom™ Processor Technology

Enables the Best Internet Experience that Fits In A Pocket

Performance and Compatibility for Applications

Range of Connectivity Options

MIDs Will Allow Users to Take the Internet with Them Wherever They Want
45nm High-k Opens New Markets

SILVERTHORNE
A Second IA Core

MID
Embedded

Netbook and Nettop

CE

Menlow
Emb. Menlow

Diamondville
Sodaville
Intel® Atom™ New Segments
Nettops, Embedded and CE

*Other names and brands may be claimed as the property of others
Intel® SATA Solid State Drives

1.8” & 2.5” Form Factors
32GB to 160GB Capacities
Faster System Responsiveness
1500Gs Extremely Ruggedized
Extended Battery Life

Delivering on the Full Promise of SSDs
Next Generation Architecture
Nehalem: On-Track

- Breakthrough Performance In All Segments
- Ultimate Flexibility
  - 2, 4, 8 Cores
  - 2-way simultaneous multi-threading
  - Optional Integrated Graphics
- Integrated Memory Controller
- Dynamic Power Management
Thank You For Nehalem Enablement
The Tick-Tock Won’t Stop

TOCK
Intel® Core™2
NE2 Microarchitecture
2006

TICK
Wolfdale Penryn Harpertown
Compaction Derivative
45nm
2007

TOCK
Nehalem Microarchitecture
2008

TICK
Westmere
Compaction Derivative
32nm
2009

TOCK
Sandy Bridge
NEW Microarchitecture
32nm
2010

TICK
Future
Compaction Derivative
22nm
2011

TOCK
Future
NEW Microarchitecture
Future
2012

Delivered On Time or Better
On Track
In Development
Forecast
Scale: Delivering on Moore’s Law at 45 nm

**FAB INVESTMENT**
- $9B
- 2001
- Fab 1D Oregon, Fab 32 Arizona, Fab 28 Israel, Fab 11X New Mexico

**TECHNOLOGY INVESTMENT**
- $1B
- 2001
- 45nm High-k + Metal Gate Transistors

**PRODUCT INVESTMENT**
- $2B
- 2004
- Penryn Nehalem Silverthorne Others

Disclaimer: All figures are approximations
Summary

WiMAX Delivers For Mobile Web 2.0

45nm High-k Opening New Markets

The Future is Brighter Than Ever