Pine Trail & Moblin Disclosure

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Today's News

1. First public disclosure on Intel's next generation Intel® Atom™ platform, code-named Pine Trail
   - Update on design wins, growth opportunities

2. Update on Moblin, and v2 beta being released and available for download today
   - Including background on the project and exciting new user interface

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Agenda

- Netbook/Nettop Market Overview

- Pine Trail Disclosure

- Moblin v2 Update

- Q&A
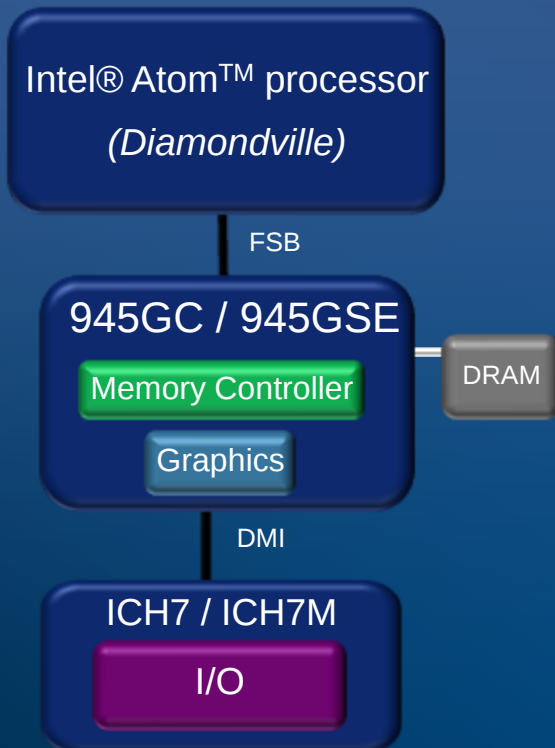
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Netbook/Nettop Market Overview

- Netbook and nettop categories firmly established, a lot of excitement and momentum

- Intel® Atom™ processor is processor of choice
  - Unprecedented ramp of tens of millions of units
  - Significant momentum and ecosystem support
  - Nearly 300 design wins across netbook and nettop segments

- Entering Next Phase:
  - Netbooks still a growth driver, opportunities untapped with large markets underserved
  - Strong year ahead for nettops with broad adoption expected
 - New Atom™ processor platform coming...

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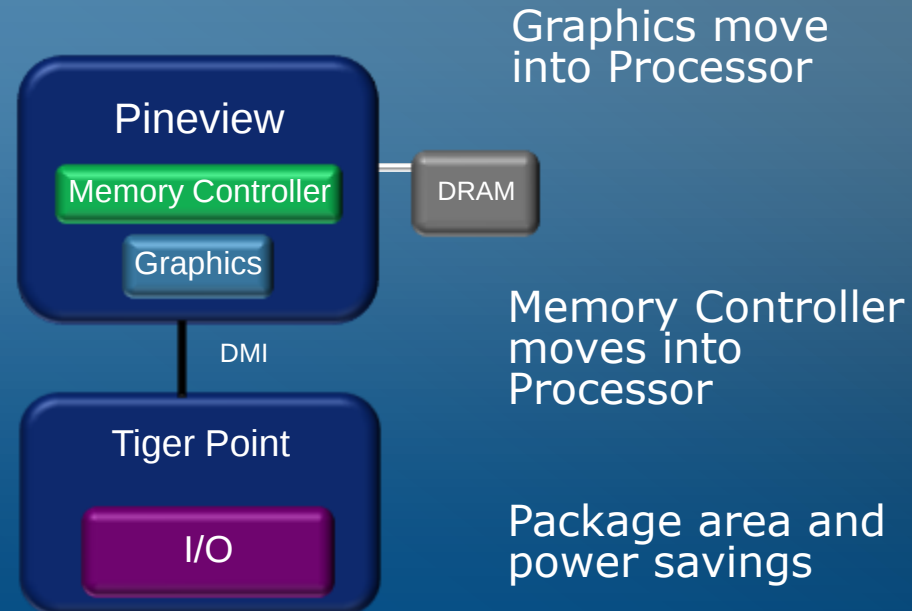
Pine Trail Platform Architecture

Netbook / Nettop Platform '08

Intel® Atom™ processor

(Diamondville)

FSB

945GC / 945GSE

Memory Controller

Graphics

DRAM

DMI

ICH7 / ICH7M

I/O

3 chip to 2 chip

Pine Trail Platform

Pineview

Memory Controller

Graphics

DRAM

DMI

Tiger Point

I/O

Graphics move into Processor

Memory Controller moves into Processor

Package area and power savings
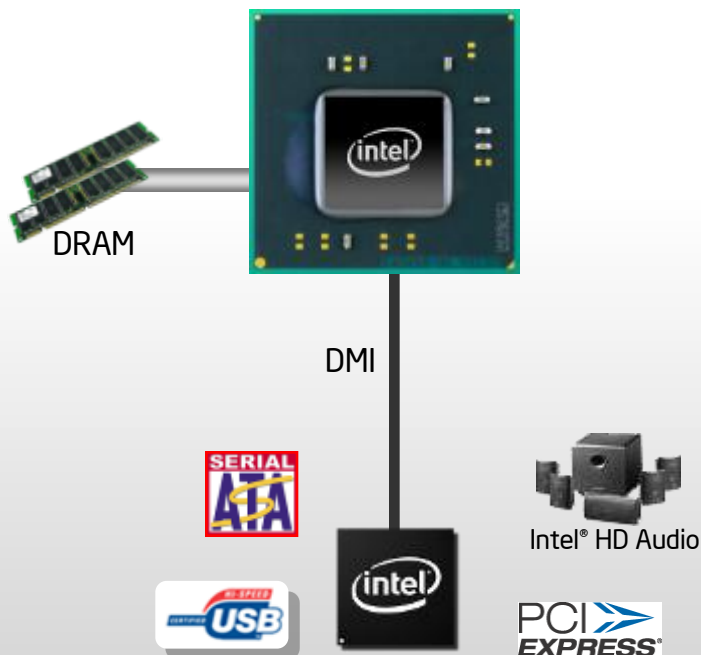
Integration offering BOM savings, power reduction and improved performance

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Pine Trail Platform Disclosure

Pineview

DRAM

DMI

SERIAL ATA

USB HI-SPEED CERTIFIED

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Intel® HD Audio

PCI EXPRESS®

Tiger Point

Lower Platform BOM & Easier Design

- *2-chip architecture enabling 4L PCB routing*
- *Fanless potential[1] enabling reducing BOM*
- *Easier design with package area reduction*

Reduced Power

- *Energy efficient Intel® Atom™ microarchitecture*
- *Lower TDP – thinner form factors, fanless potential[1]*
- *Avg power reduction – improved battery life*

Improved Performance

- *Higher processor performance*
- *Increased graphics performance*
- *Memory controller integrated with processor*

Pine Trail enables lower platform BOM, reduced power, and improved performance

[1] Fanless may require configuration tradeoffs depending on scenario power workload

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Moblin Project - background

- Moblin is an optimized Linux operating system project that delivers a visually rich internet and media experience on Intel® Atom™ Processor based devices including MIDs, netbooks/nettops, in-vehicle infotainment, and embedded systems

Moblin-based netbooks in the market

Moblin v2 alpha and beta releases expand community innovation

Intel initiates Moblin.org

Moblin-based MIDs in the market

Intel acquires OpenedHand, bringing Clutter based 3D UI to the Moblin project

Moblin project hosting transitions to the Linux Foundation

| 2 H 2007 | 1 H 2008 | 2 H 2008 | 1 H 2009 |

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Moblin v2.0 Beta released today

- **Optimized for Intel® Atom™ processor-based devices**

  - Fast boot

  - Footprint

  - Battery life optimization

- **Complete user interface for Intel® Atom™ processor based netbooks and nettops now and extending to all Intel® Atom™ processor-based devices**

- **Broad ecosystem momentum**

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Moblin v2.0 Beta User Experience

- The M-zone replaces the desktop; it's the entry point to the netbook and nettop

- Easy and personalized social networking

- Simplified internet and rich media consumption

- Customizable for OEMs and Service Providers

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Moblin Ecosystem Momentum

community

= Thousands of applications
= Hundreds of apps
  optimized for Moblin
= PC linux apps and middleware
  just run

*Other names and brands may be claimed as the property of others. All dates, plans and features are preliminary and subject to change without notice.

Linux OSVs will productize over the coming months

Experience it yourself

- **Watch the Video**
  - Link to the Moblin Experience v2.0 video beta here: www.moblinzone.com

- **Moblin v2.0 Beta is available for immediate download @ www.moblin.org**

- **Learn More:**
  - www.moblin.org (the technical and developer website)
  - www.moblinzone.com (business and community sister-site of Moblin.org)
  - http://www.linuxfoundation.org/collaborate/workgroups/moblin

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