

Netbooks and Nettops

New category of emerging Internet Devices

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Agenda

- Background & Environment
- Netbook & Nettop Overview
- Q&A

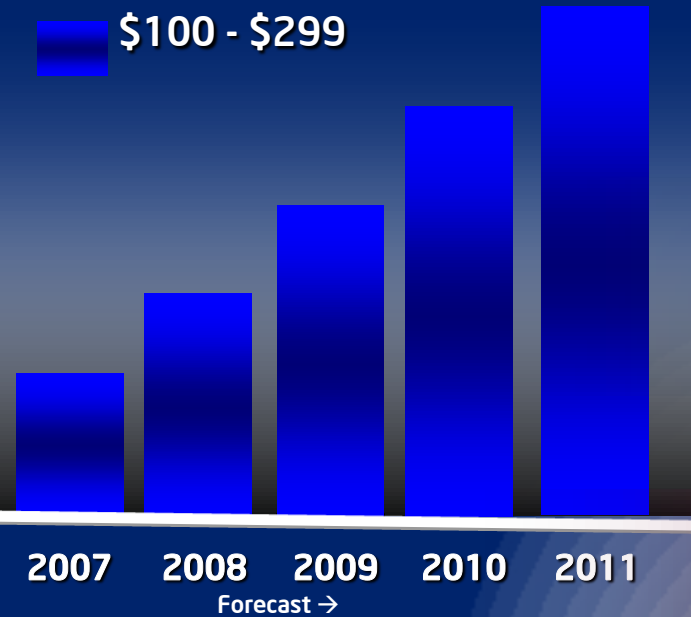
Environment

- Internet based content, usage models exploding
- New category of devices emerging
- Opportunity to grow markets
- Strong interest in bringing technology to education

Nettops & Netbooks

Nettop TAM

\$100 - \$299



Internet:

Connectivity is a Key Usage for Basic Computing

Low Cost Silicon:

45nm Diamondville Shipping in May*

NetBook TAM

< \$399

67% CAGR



Purpose Built Solutions:

Platform Optimized for Low BOM Cost

Sources: Mercury Research, January 2008
Gartner Quarterly, December 2007
IDC Research, December 2007

* Intel Forecast



Market Opportunities for Affordable Internet-Centric Devices



Majority of households surveyed in emerging markets have zero PCs

First device per home (primary device)

Very few households surveyed in mature markets have > 1 PC

More devices per home (secondary device)



Netbooks and Nettops



Simple
Affordable
Internet-Centric



Designed for content consumption, Internet usage models



New Processor, New Brand

Intel's smallest processor built with the world's smallest transistors



Intel® Atom™ Processor

- New architecture
- Designed from the ground-up
- Uses Intel's industry-leading 45nm process

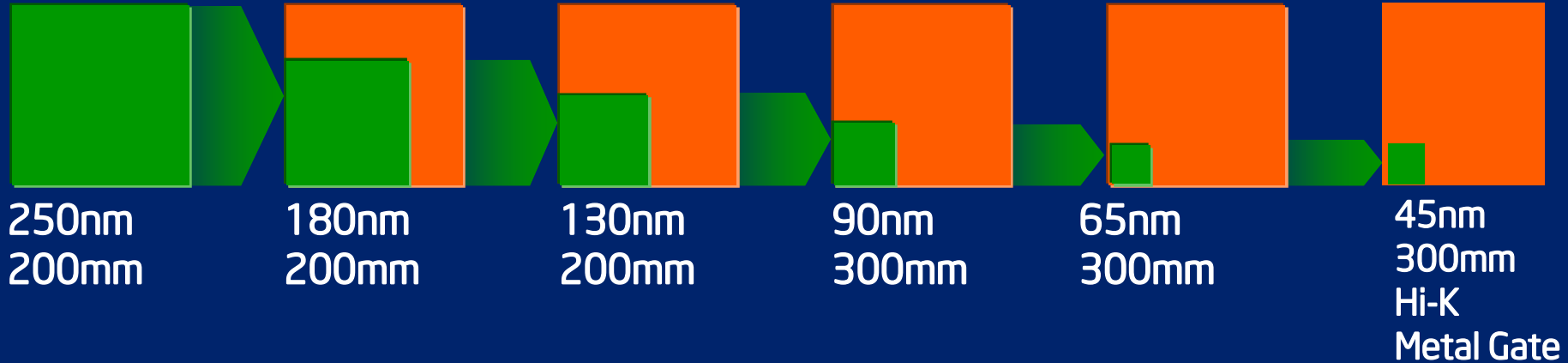
Enables:

- Affordable Price Points
- Adequate performance
- Low Power

Enabling new opportunities for innovation



The Fundamental Cost Driver



Twice the circuitry
in the same space
(architecture
innovation)

OR

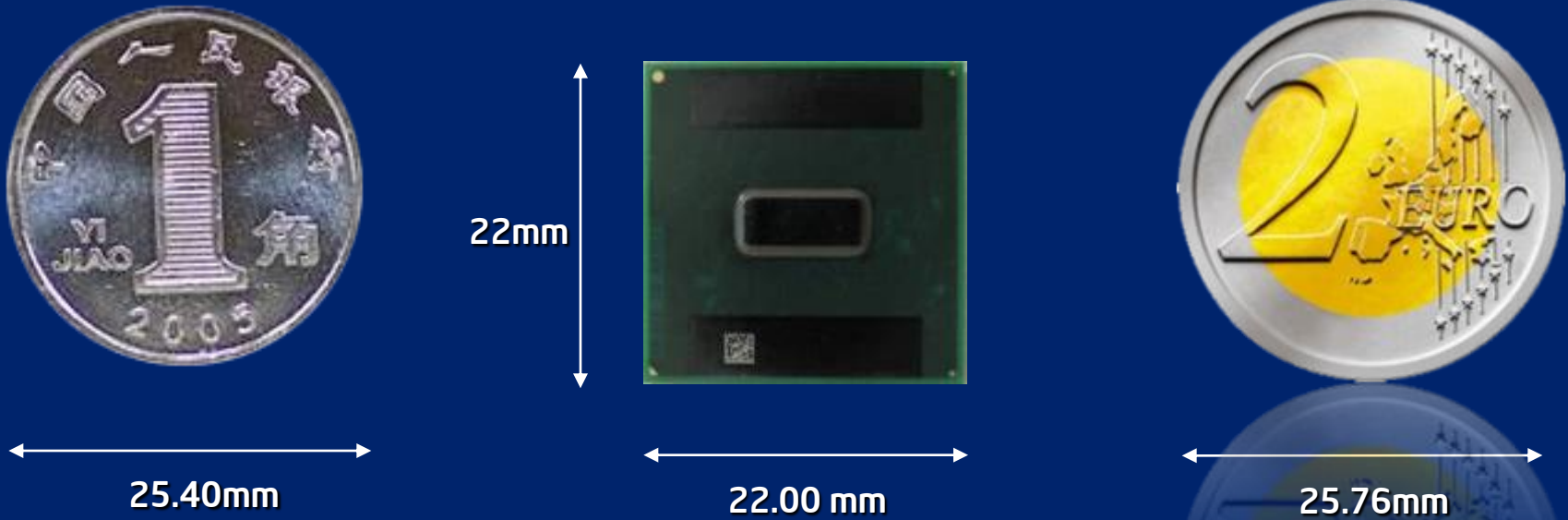
The same circuitry
in half the space
(cost reduction)

=

Half the die size
than in the prior
process



The Magic of 45nm



The New Intel™ Atom™ Processor



Intel Processors Power a Range of Devices!



Want a richer, fuller experience?



Notebook or Desktop



Want the "best internet experience in your pocket"?



Mobile Internet Device



Want a simple and affordable device for Internet-centric usage models?



Netbook or Nettop



Internet Centric Computing



Communicate

Email
Instant Message
Voice Over IP (VOIP)



Watch

Photo Viewing
Streaming Video
Flash Video

Browse



Surf the Web
Read the News
Search for Information

Listen

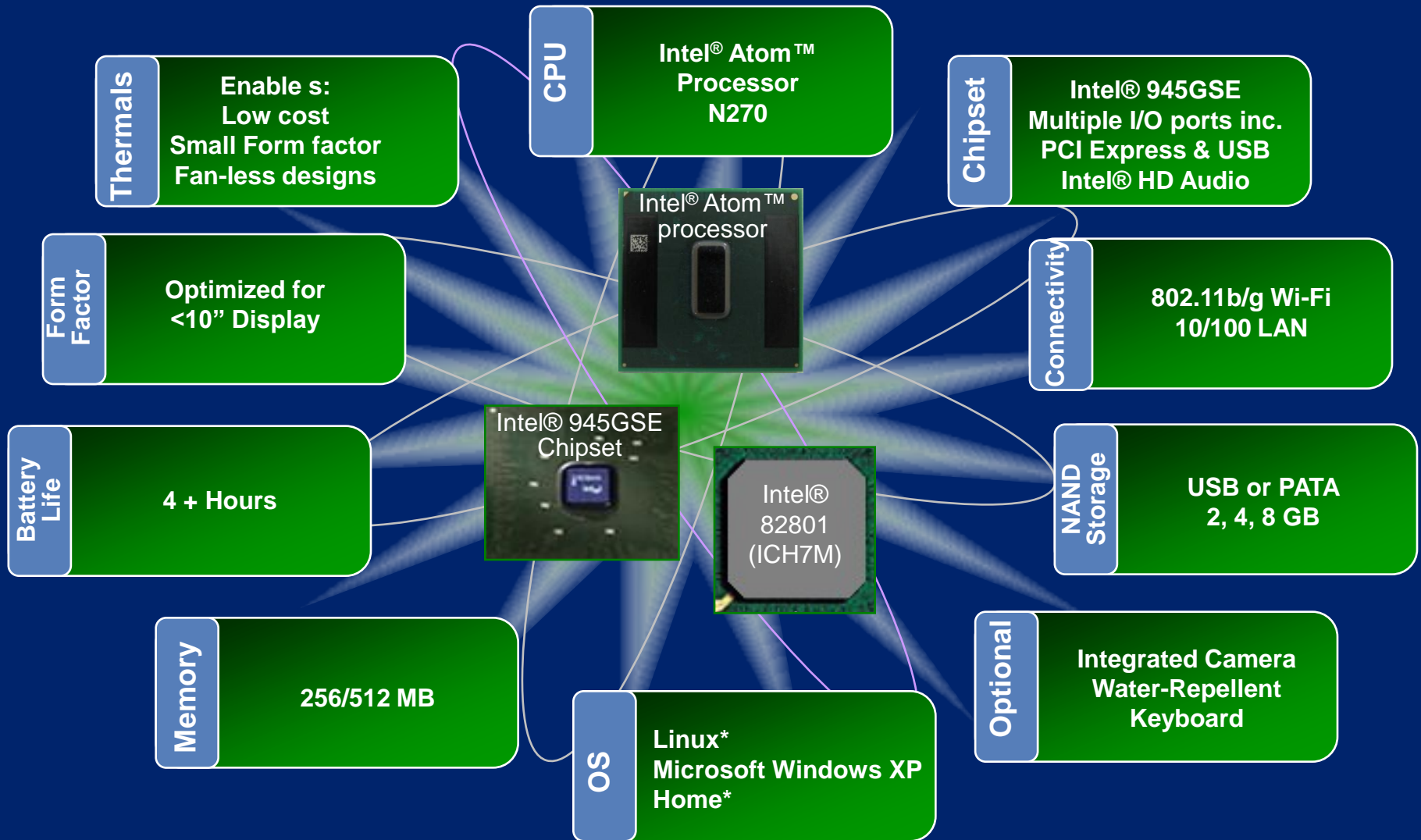


MP3
Streaming Audio

Netbook Overview



Basic Mobile Platform '08 Summary



Flexibility to design simple, affordable netbooks
~\$250 system price point



Comparing Mobile Devices

Want the "Best Internet Experience in Your Pocket"

Screen

MID: 4.5" - 6"

OS

MID: Linux, XP

Key Usages

MID: Infotainment



*Get A
Mobile Internet
Device*

Want a platform at new Affordable Price Points?

< 10"

Linux, Windows

Internet-centric



*Get A
Netbook*

Want More Than Basic?

= > 12"

Windows

Office
Productivity &
Multitasking



*Get A
Mainstream
Notebook*



Differentiating Netbooks from Entry Notebooks on User Experience

Netbooks

- Use pre-loaded, web-centric applications
- Listen to Music
- Photo viewing
- Video Viewing (Streaming)
- Voice over IP
- Surfing the internet
- Instant Messaging
- Email
- Social Networking
- Play basic online games

Content Consumption

Entry (Value) Notebooks

- Use pre-loaded, web-centric applications
- Listen to Music
- Photo viewing
- Video Viewing (Streaming)
- Voice over IP
- Surfing the internet
- Instant Messaging
- Email
- Social Networking
- Play basic online games



- Install software
- Download, store and listen to Music, play CDs
- Edit, Store photos, videos
- Watch DVDs
- Video Conferencing, Richer web surfing experience
- Open, edit, store large files, Play richer, interactive & installed games
- Multi-tasking

Content Creation/Editing

Richer User Experience; Do More, Faster



Intel®-powered classmate PCs are purpose-built for education; manufactured by ODMs

Basic Mobile Platforms enable a simple and affordable platform for Internet centric usage models



Classmate PC Category is a sub-set of the Basic Notebook Platforms that is focused on a specific Usage Model area (Education)

Kid/Classroom
Friendly ID

Custom
Education SW

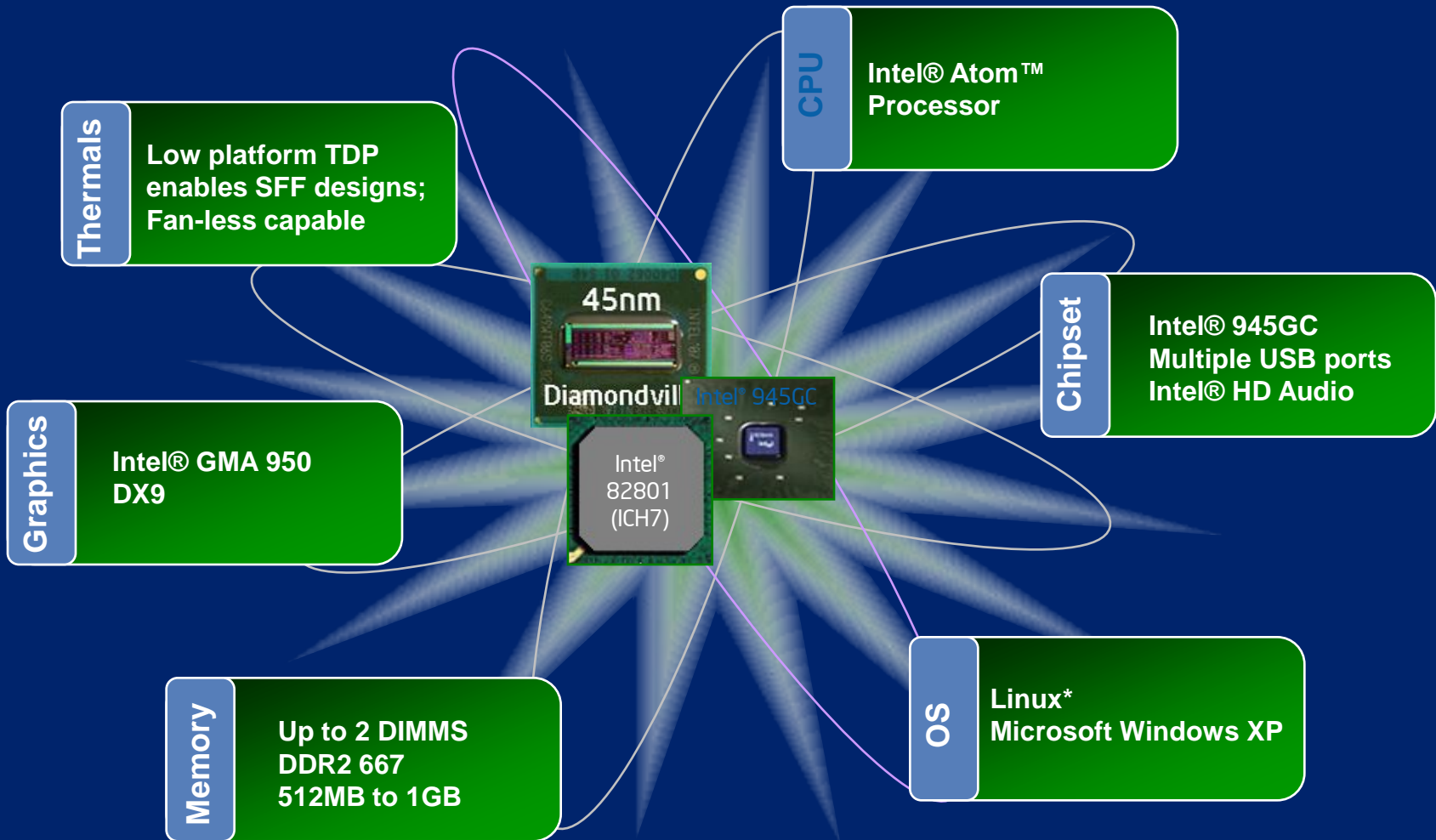
Rugged Design

Water Repellent
Keyboard

Nettop Overview



Basic Desktop Platform '08 Summary



Enabling simple & affordable desktop systems



Comparing Nettops and Desktops

	Nettop	Entry/Value Desktop	Mainstream Desktop
Usages			
Productivity	Web Browsing, Word Processing & E-Mail	Computational Spreadsheets & Databases	Premium office suites
Photo & Video	Photo & Video Viewing (Streaming)	Editing in Windows* Photo Gallery	Creates and manages Photos and Videos. Faster video encoding and DV editing
Video Playback	SD Playback (i.e. YouTube)	Capable of HD Playback	Full HD playback, PVR
Games	Legacy Online Games	Basic Online Games	Mainstream/Performance DX10 3D Games
System Attributes			
Discrete Graphics	No	Capable	Yes
CPU + CS TDP	12W - 26W	45W - 65W	65W +
System Price	<\$299	>\$300	>\$999

Richer User Experience; Do More, Faster

Desktop Differentiation



CONTENT CONSUMPTION

Basic computing applications

Listen to Music

Photo viewing

Video Viewing (Streaming)

Voice over IP

Surfing the internet

Instant Messaging

Email

Social Networking

Play basic online games



CONTENT CREATION EDITING

Install Advanced Software

Download, store and listen to Music,
play CDs

Edit, Store photos, videos

Watch DVDs

Video Conferencing, Richer web
surfing experience

Open, edit, store large files,

Play richer, interactive & installed
games

Multi-tasking



Summary

- Environment offers new opportunities
- Netbooks/Nettops based on purpose built roadmaps
- Simple, affordable, low power, targeted performance
- Differentiated from notebooks and desktops
 - ✓ Form factor, user experience & system price points



Q & A

