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Mario Rivas  
Executive Vice President,  
Computing Solutions Group

December 13, 2007

# Agenda

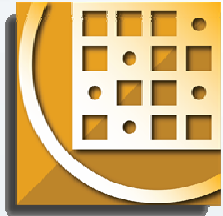
**2007 Reflection**

**Computing Solutions Update**

**Roadmap Update**

**Summary**

# AMD Leading the Way



**Energy-Efficient Processing**



**Ultimate Visual Experience**



**Affordable Internet Access**

**Performance and performance-per-watt**



**Notebook and desktop PC mix shift. Server consolidation.**

**Across all the screens of your life**



**New form factors**



**Emerging market opportunities and convergence - x86**

# Customers Are Responding

Customer	2002			Today (12/2007)		
	Desktop	Notebook	Server/WS	Desktop	Notebook	Server/WS
Dell	Does not buy AMD CPU products	Does not buy AMD CPU products	Does not buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products
HP	Buy AMD CPU products	Buy AMD CPU products	Does not buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products
IBM-Lenovo	Does not buy AMD CPU products	Does not buy AMD CPU products	Does not buy AMD CPU products	Buy AMD CPU products	Buy AMD graphics and/or chipset products	Buy AMD CPU products
Acer	Buy AMD CPU products	Buy AMD CPU products	Does not buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products
Toshiba	Does not buy AMD CPU products	Does not buy AMD CPU products	Does not buy AMD CPU products	N/A	Buy AMD CPU products	N/A
Fujitsu/Fujitsu-Siemens	Buy AMD CPU products	Buy AMD CPU products	Does not buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products
Apple	Does not buy AMD CPU products	Does not buy AMD CPU products	Does not buy AMD CPU products	Buy AMD graphics and/or chipset products	Buy AMD graphics and/or chipset products	Does not buy AMD CPU products
NEC	Buy AMD CPU products	Buy AMD CPU products	Does not buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products
Gateway/eMachines	Buy AMD CPU products	Buy AMD CPU products	Does not buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products
Sony	Does not buy AMD CPU products	Does not buy AMD CPU products	N/A	Buy AMD graphics and/or chipset products	Buy AMD graphics and/or chipset products	N/A
Founder	Does not buy AMD CPU products	Does not buy AMD CPU products	Does not buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products
Tong Fang	Does not buy AMD CPU products	Does not buy AMD CPU products	Does not buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products	Buy AMD CPU products

- Buys AMD CPU products
- Does not buy AMD CPU products
- Buys AMD graphics and/or chipset products



# Design Win Momentum Continues



## 2007 Reflection

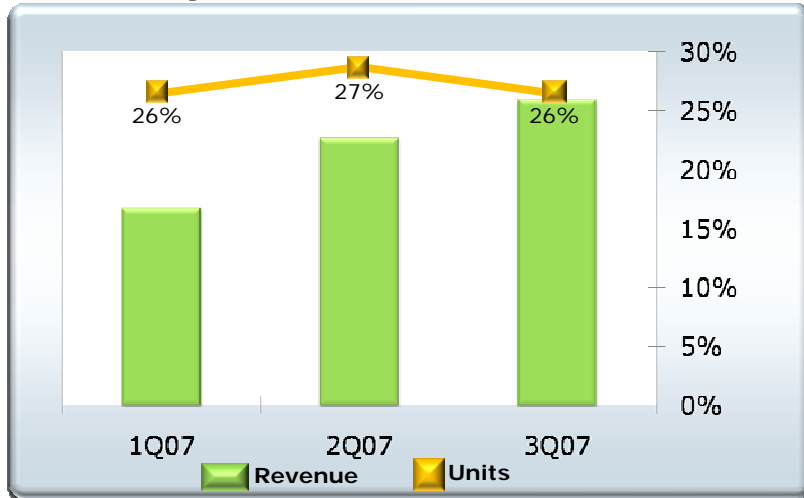
### Challenges

- Quad-core execution
- Some OEM server relationships delivered lower than expected
- Q107 Channel engagement

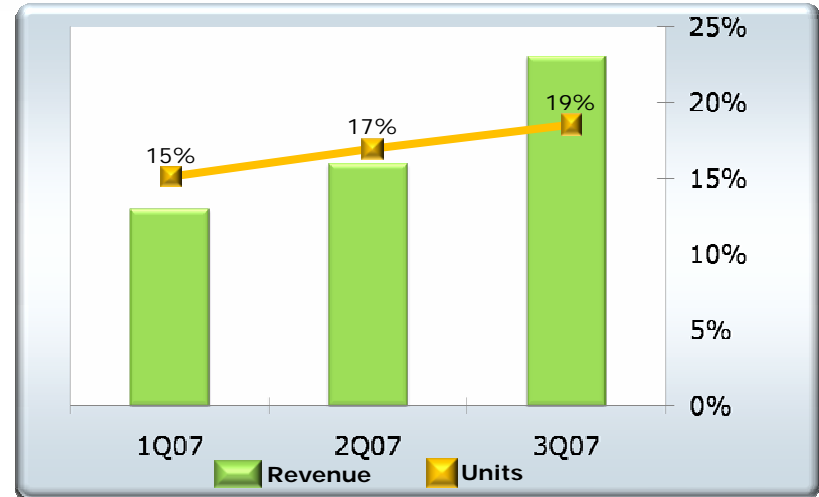
### Accomplishments

- Worldwide notebook position strong and getting stronger
- Leading in Retail North America – desktop and notebook
- Overall market share growth
- Continued growth in China
- ASPs trending up
- Platform solutions and performance benchmarks
- Richer mix of solutions

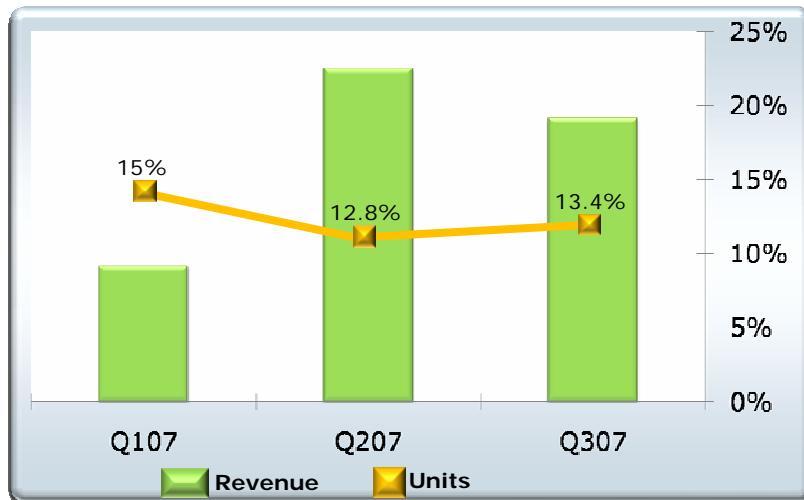
## Desktop



## Notebook



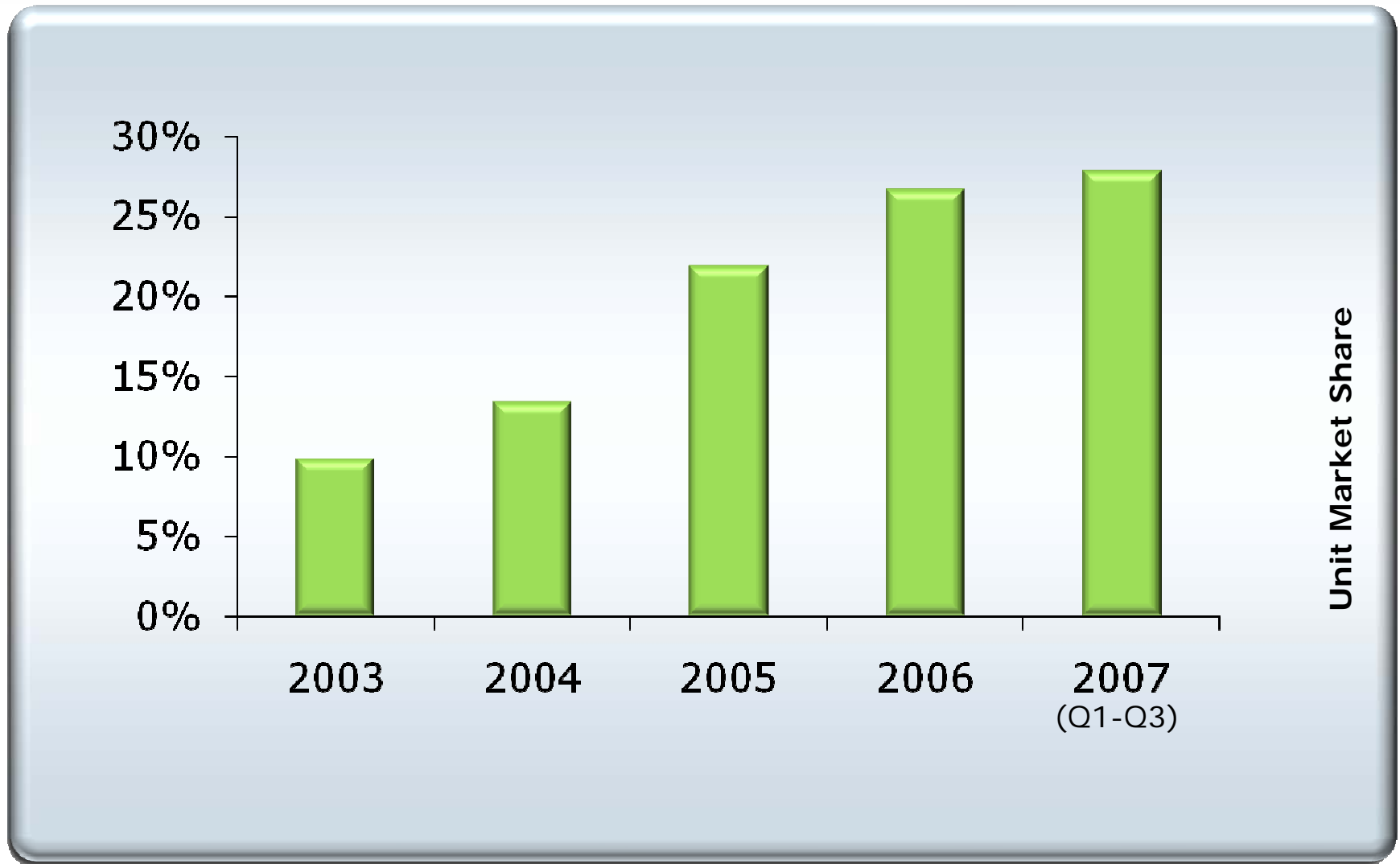
## Server



*Desktop source: AMD Internal Estimates*

*Notebook and Server source: PC Processors and Chipsets 4Q07, Mercury Research*






# AMD PC Market Share: Greater China



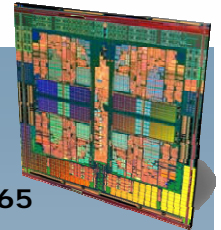
Source: IDC

# 2008 Worldwide CSG Market Opportunity

## CPU & Chipset Revenue Dollars

	Consumer Systems	Commercial Systems
Desktop	Rev \$6.6B 	Rev \$9.3B 
Notebook	Rev \$6.3B 	Rev \$7.5B 
Server & Workstation		Rev \$6.7B 

# Network of AMD Opteron™ Platforms



2003 vs.



IBM eServer 325








1st Generation AMD Opteron™

2008

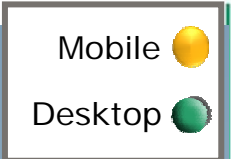


# 2008 Worldwide CSG Market Opportunity

## CPU & Chipset Revenue Dollars

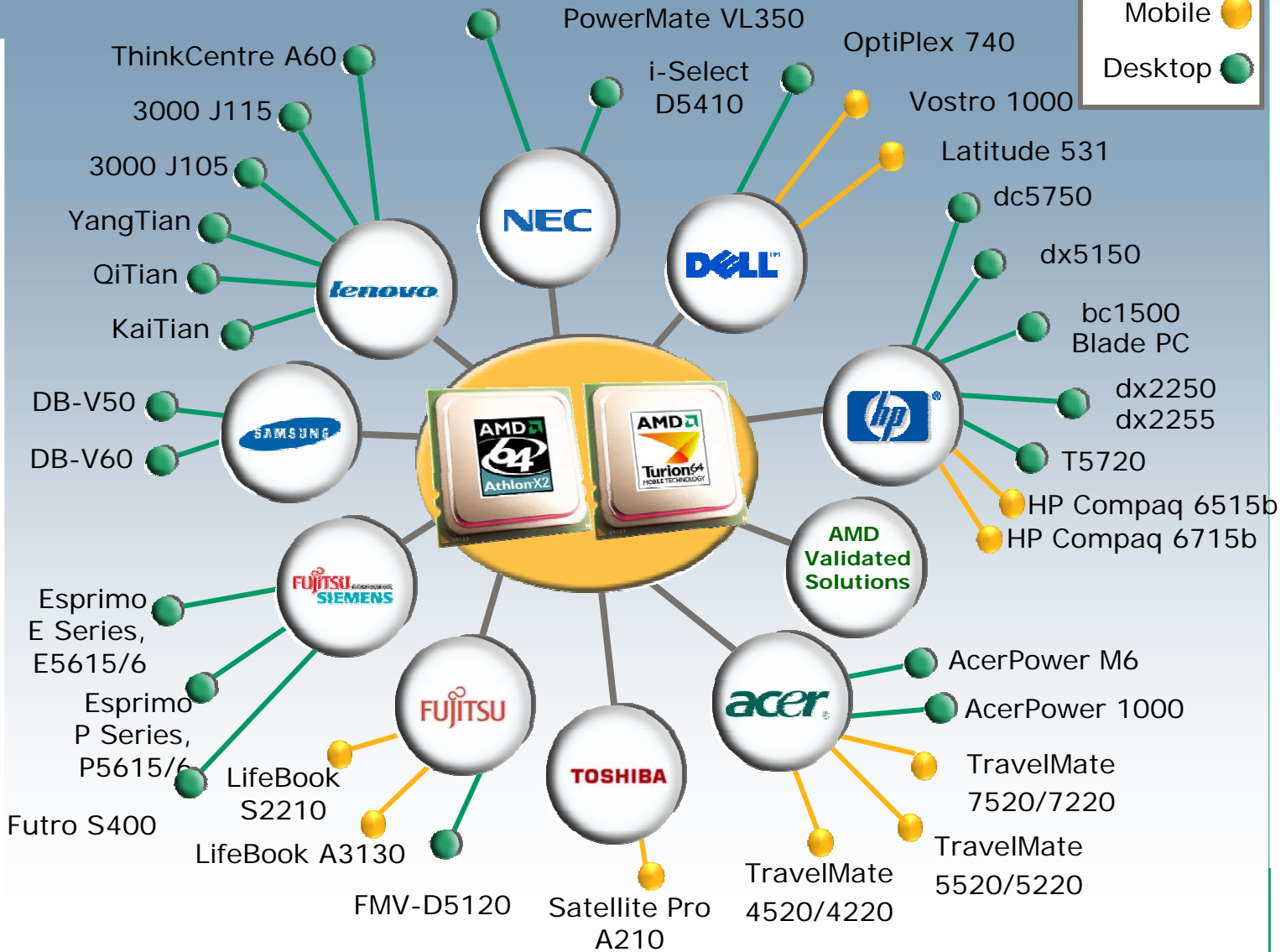
	Consumer Systems	Commercial Systems
Desktop	Rev \$6.6B 	Rev \$9.3B 
Notebook	Rev \$6.3B 	Rev \$7.5B 
Server & Workstation		Rev \$6.7B 

# We Have Significantly Grown Our Commercial Client Platform Footprint



**2002**

d323





# The State of Quad-Core

## Products



### On track with some large installations of the Quad-Core AMD Opteron processor



The Quad-Core AMD Opteron shipments for the Texas Advanced Computing Center (TACC) supercomputing cluster at The University of Texas at Austin have been completed (16,000 pieces)

KISTI – Korea      ICC – Poland      TLCC – N.A.



Mercury reports more than 39K Quad-Core AMD Opteron processor units shipped in Q3'07



The key strategic OEM's (Dell, HP, IBM and Sun) will be introducing a broad portfolio of Quad-Core AMD Opteron processor-based platforms starting in Q2 2008

The OEM's are fully engaged and very focused in quickly bringing these products to market

We continue to expect slight Server revenue growth in Q4 as Quad-Core sales will compensate for the decline of Dual-Core products

## Products

### AMD is shipping hundreds of thousands of Quad-Core processors

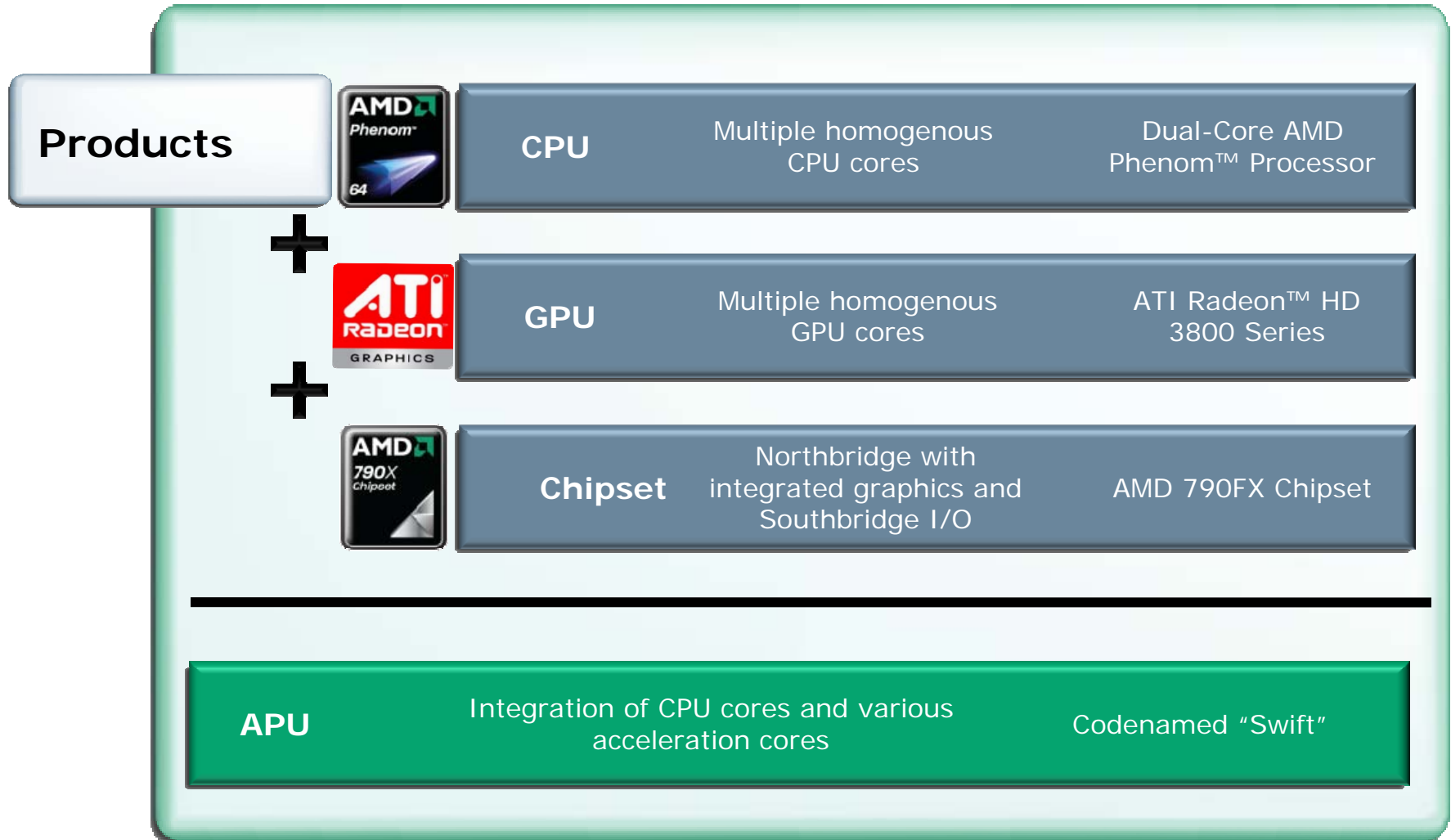
AMD shipped tens of thousands of Quad-Core processors in Q3 '07

AMD is shipping hundreds of thousands of Quad-Core processors to the server and desktop segments

We are taking the most reasonable approach to deliver Quad-Core AMD Opteron processors as soon as possible

**Our #1 goal** is to accelerate volume ramp in Q1 '08

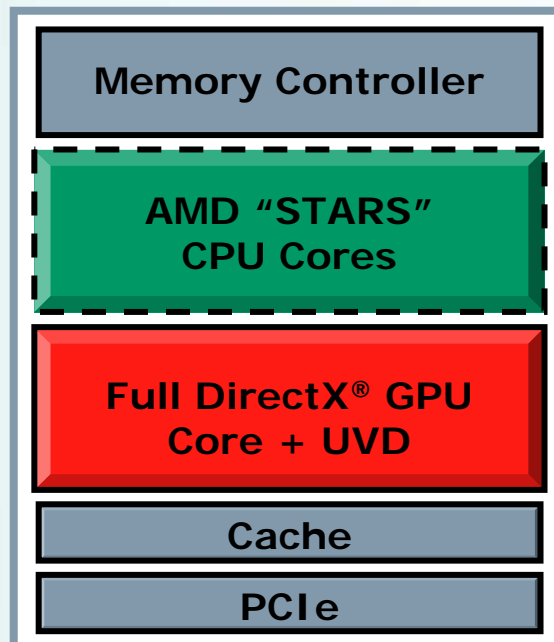
# Birth of a New Category: Accelerated Processing Unit (APU)



# Birth of a New Category: Accelerated Processing Unit (APU)

## Products

## First APU Family: Codenamed "Swift"



### Technology choices for higher confidence production ramp:

- AMD "STARS" CPU Cores
- GPU Core based on existing high-end discrete
- Second 45nm product
- Current SOI design rules
- "Griffin"-based Northbridge highly leveraged

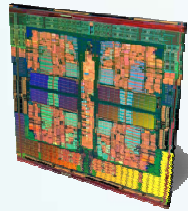
Optimized design using more existing IP for less risk and faster time to market in 2H09

# Spider Enthusiast Desktop Platform

Products

Platforms

## The Most Scalable Enthusiast Platform Ever



AMD Phenom™  
CPUs

True Quad-Core  
Shared L3 Cache  
Cool'n'Quiet™ 2.0  
HyperTransport™ 3.0



ATI Radeon HD  
3800 Graphics

Quad Graphics Ready  
DirectX® 10.1 & UVD  
PCI Express® 2.0  
55nm



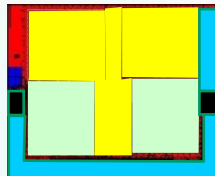
AMD 790 Chipset  
Technology

42 PCI Express® 2.0 Lanes  
Multi-Monitor CrossFire™  
~ 10W TDP  
AMD OverDrive™ Utility\*

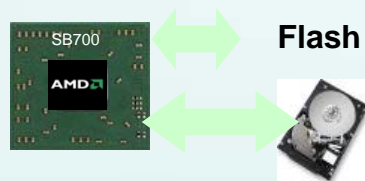
\*Overclocking AMD processors will void associated product warranties and may cause damage to the processor and/or other system components.

### Exceptional visual performance and power-efficient mobility

Products



Platforms



Next Generation Architecture

Mobile optimized design  
Dynamic core scaling of CPU cores and HyperTransport™

Hybrid Graphics w/PowerXpress

Boosts graphics performance  
Power efficient in AC/DC modes

DirectX 10 & UVD

R6XX-based integrated or discrete GPU  
HD-DVD and Blu-Ray playback

HyperFlash

Native NAND Flash support  
Flexible implementation

\* UVD is not present in all GPUs. Please refer to product specs on [ATI.AMD.COM](http://ATI.AMD.COM) for more information

# Perseus

## Commercial Desktop Platform Plan

Products

**Superior stability and longevity, essential manageability and security, exceptional performance and power savings.**

Platforms



Superior Stability and Longevity

Stable and available CPU and chipset roadmaps  
Extended warranty  
common AMD64 architecture



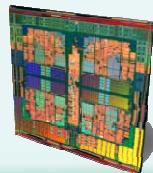
Essential Manageability and Security

Open standards approach with DASH and TPM  
AMD-V™ and EVP



Energy Efficiency

Enable customer to meet new Energy Star requirement  
Cool'n'Quiet™ 2.0  
45W and 65W max processors



Exceptional Performance

Do more in less time with multi-core processors  
Power savings for lower operational costs  
Future-ready

# Cartwheel

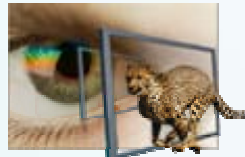
## Mainstream Consumer Platform



Products

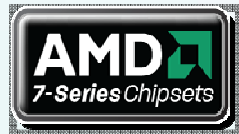
### Connectivity, Extendibility and Usability for the Mainstream Consumer

Platforms



HD Video

UVD & Video-post processing  
Native HDMI /HDCP support



AMD 780 Chipset

Multi-Monitor CrossfireX™  
Energy Efficient  
PCI Express 2.0



AMD Live!™ Explorer

Common UI for all entertainment  
Leverages CPU and GPU performance



Multi-Core Processing

Native quad- and triple-quad core  
Cool 'n' Quiet™ 2.0



# Server/Workstation Roadmap

		65 nm		45nm
Platform Segment	2007	2008	2009	
Enterprise DP/MP Platforms	CPU	<p><b>"Barcelona"</b> Quad-Core</p> <ul style="list-style-type: none"> <li>• 512K L2/Core</li> <li>• 2M L3</li> <li>• RDDR2</li> <li>• 3x HyperTransport™ 1</li> <li>• AMD-V™</li> </ul>	<p><b>"Shanghai"</b> Quad-Core</p> <ul style="list-style-type: none"> <li>• 512K L2/Core</li> <li>• 6M L3</li> <li>• RDDR2</li> <li>• 3x HyperTransport 1</li> <li>• AMD-V</li> <li>• IPC Enhancements</li> </ul>	<p><b>"Montreal"</b> Octal- &amp; Quad-Core</p> <ul style="list-style-type: none"> <li>• 1M L2/core</li> <li>• 6-12M L3</li> <li>• DDR-3</li> <li>• 4x HyperTransport 3</li> <li>• AMD-V</li> </ul>
	Chipset	Nvidia nForce Pro 3600 Broadcom HT-2100/HT-1100		AMD RD890S AMD RD870S AMD SB700S
	GPU	Workstation: R600 ATI FireGL™ and ATI FireMV™ Server: ATI ES-1000		Workstation: R700 ATI FireGL & ATI Fire MV Server: ATI ES-1000
	Platform	<b>Socket F (1207)</b> <ul style="list-style-type: none"> <li>• HyperTransport™ 1</li> <li>• DDR-2</li> </ul>		<b>Socket G3 "Piranha"</b> <ul style="list-style-type: none"> <li>• HyperTransport 3</li> <li>• DDR-3 (Direct or Buffered)</li> </ul>

# AMD Notebook Platform Roadmap 2008-2009

Platform Segment	2008	2009
<b>CPU/APU</b>	<p><b>"Puma" Platform</b></p> <p><b>"Griffin"</b></p> <ul style="list-style-type: none"> <li>• Mobile Optimized Memory Controller</li> <li>• Power Optimized HyperTransport™ 3.0</li> <li>• Enhanced AMD PowerNow!™ technology</li> <li>• S1</li> </ul>	<p><b>"Shrike" Platform</b></p> <p><b>"Swift"</b></p> <ul style="list-style-type: none"> <li>• Gen 3 "STARS" CPU Core</li> <li>• 1 GPU Core</li> <li>• DDR3</li> <li>• 45nm</li> <li>• FS1</li> </ul>
<b>Chipset</b>	RS780M SB700	Next Generation Southbridge
<b>Discrete GPU</b>	M8x Hybrid Graphics	M9x
<b>Infrastructure</b>	802.11 a/b/g/n 3G DASH	802.11 a/b/g/n 3G DASH UWB

# Commercial Mainstream Platform Roadmap 2008-2009

Platform Segment	2008	2009
Commercial Desktop	<b>"Perseus" Platform</b> <b>"Toliman" and "Kuma"</b> <ul style="list-style-type: none"> <li>• Quad, Triple and Dual Core               <ul style="list-style-type: none"> <li>• 65nm</li> <li>• 2M L3</li> <li>• DDR2</li> <li>• HT 3.0</li> <li>• AMD-V</li> </ul> </li> <li>• AM2+ Package</li> </ul>	<b>"Kodiak" Platform</b> <b>"Propus" "Heka" and "Regor"</b> <ul style="list-style-type: none"> <li>• Quad and Triple Core               <ul style="list-style-type: none"> <li>• 45nm</li> <li>• DDR3</li> <li>• HT 3.0</li> <li>• AMD-V</li> </ul> </li> <li>• AM3 Package</li> </ul>
	Chipset RS780 SB700	RS780 SB700+
	GPU Optional R6xx Family Hybrid Graphics	Optional R7xx Family Hybrid Graphics
	Infrastructure Windows Vista Premium Logo capable AM2+ Motherboards Planned Energy Star 4.0 Compliance DASH 1.0, TPM	AM3 Motherboards Planned Energy Star 4.0 Tier 2 Compliance DASH 1.x, TPM

# Consumer Mainstream Platform Roadmap 2008-2009

Platform Segment		2008	2009
<b>Mainstream Desktop</b>	<b>CPU</b>	<p><b>"Cartwheel" Platform</b></p> <p><b>"Toliman" and "Kuma"</b></p> <ul style="list-style-type: none"> <li>• Quad, Triple, Dual Core</li> <li>• 65nm</li> <li>• DDR2</li> <li>• HT 3.0</li> <li>• AMD-V™</li> <li>• AM2+ Package</li> </ul>	<p><b>"Cartwheel" Refresh Platform</b></p> <p><b>"Propus" "Heka" and "Regor"</b></p> <ul style="list-style-type: none"> <li>• Quad, Triple, Dual Core</li> <li>• 45nm</li> <li>• DDR3</li> <li>• HT 3.0</li> <li>• AMD-V</li> <li>• AM3 Package</li> </ul>
	<b>Chipset</b>	RS780 SB700	RS780 SB800
	<b>GPU</b>	Optional R6xx Family Hybrid Graphics	Optional R7xx Family Hybrid Graphics
	<b>Infrastructure</b>	Vista Premium Logo capable AM2+ Motherboards Planned Energy Star 4.0 Compliance	AM3 Motherboards Planned Energy Star 4.0 Compliance

# Consumer Enthusiast Platform Roadmap 2008-2009



Platform Segment		2007	2008	2009
<b>Enthusiast Desktop</b>	<b>CPU</b>	<b>"Spider" Platform</b> <b>AMD Phenom™</b> <ul style="list-style-type: none"> <li>• Quad Core</li> <li>• 65nm</li> <li>• DDR2</li> <li>• HT 3.0</li> <li>• 2MB Shared L3</li> <li>• AM2+ Package</li> </ul>	<b>"Leo" Platform</b> <b>"Deneb" and "Propus"</b> <ul style="list-style-type: none"> <li>• Quad and Triple Core</li> <li>• 45nm</li> <li>• DDR2</li> <li>• HT 3.0</li> <li>• AMD-V</li> <li>• AM2+ Package</li> </ul>	<b>"Leo" Refresh Platform</b> <b>"Deneb" and "Propus"</b> <ul style="list-style-type: none"> <li>• Quad and Triple Core</li> <li>• 45nm</li> <li>• DDR3</li> <li>• HT 3.0</li> <li>• AMD-V</li> <li>• AM3 Package</li> </ul>
	<b>Chipset</b>	AMD 7-Series Multi-Monitor ATI CrossFireX™ AMD Overdrive™ PCI Express 2.0	AMD 790FX, 790 and 770 chipsets  SB700	RD8xx Family SB800
	<b>GPU</b>	ATI Radeon HD 3800 Series GDDR3/GDDR4  DX10.1 & UVD	ATI R6xx™ ATI CrossFireX with RD790	ATI R7xx Family
	<b>Infrastructure</b>	Windows Vista® Premium Logo capable AM2+ Motherboards HyperTransport™ 3.0	Windows Vista® Premium Logo capable AM2+ Motherboards HyperTransport™ 3.0	AM3 Motherboards IOMMU I/O Virtualization HyperTransport™ 3.0

# 2008 Summary

*We will...*

**1** ...Get quad-core execution on track

**2** ...Focus heavily on roadmap execution

**3** ...Drive platform value and portfolio growth

**4** ...Grow share and ASPs to increase margins

**5** ...Optimize supply chain and capacity

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Because our actual results may differ materially from our plans and expectations today, we encourage you to review our filings with the Securities and Exchange Commission, including but not limited to the Quarterly Report on Form 10-Q for the quarter ended September 29, 2007.

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