

2007 Technology Analyst Day

Randy Allen Corporate Vice President, Server and Workstation Division

July 26, 2007



Commercial Update Agenda AMD: Earning Enterprise Business "Barcelona" Changes the Game **AMD** Commercial Ecosystem Building on the AMD Commercial Client Foundation



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Commercial Market Trends: A Macro View





AMD: Earning Enterprise Business

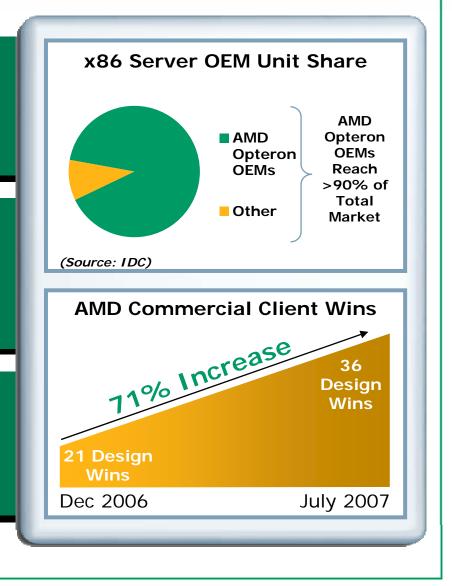


AMD Opteron[™] OEMs in total represent >90% of global x86 server sales

4-way servers run business critical applications; AMD is >50% of U.S. market

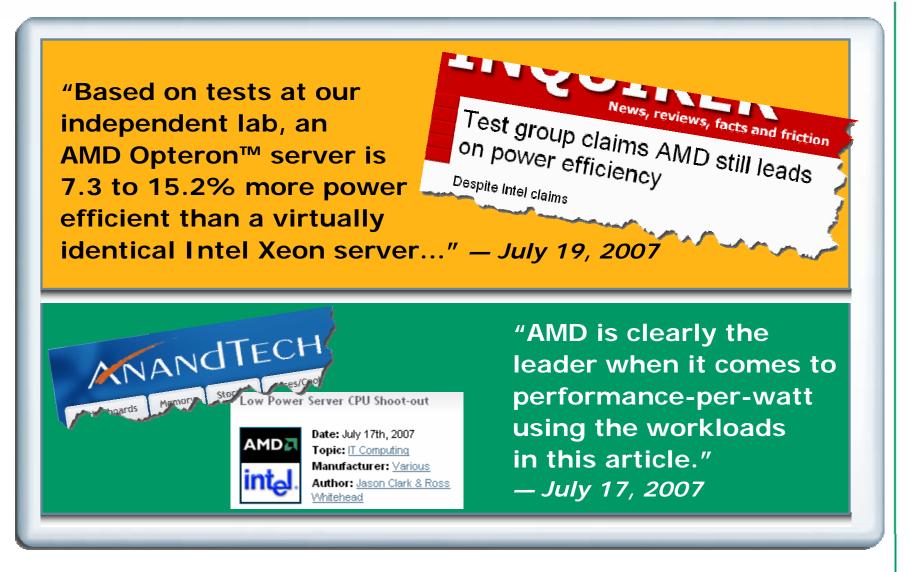
(Source: Mercury Research)

Commercial client design wins increased 71% since Dec. 2006



Performance-per-Watt Leadership Today







2007 Technology Analyst Day

Steve Rubinow Chief Technology Officer New York Stock Exchange

July 26, 2007



NYSE Euronext



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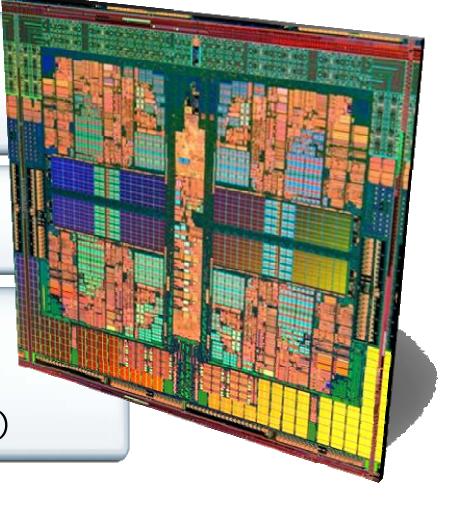
"Barcelona" Update



Production wafers out, on track to ship for revenue in Q3 2007

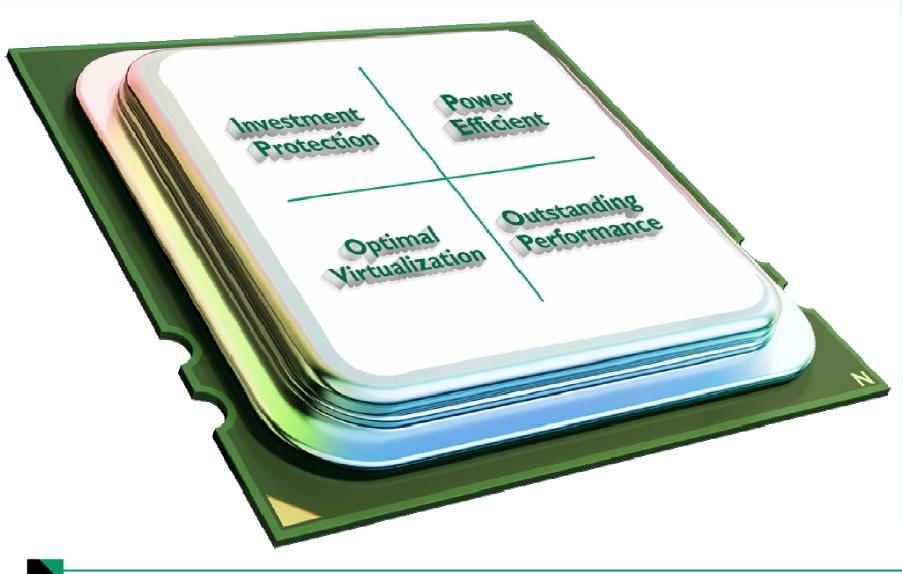
Wafer yields ahead of plan

Announcing our largest "Barcelona" win to-date with Texas Advanced Computing Center (TACC)



"Barcelona" Changes the Game in Four Dimensions

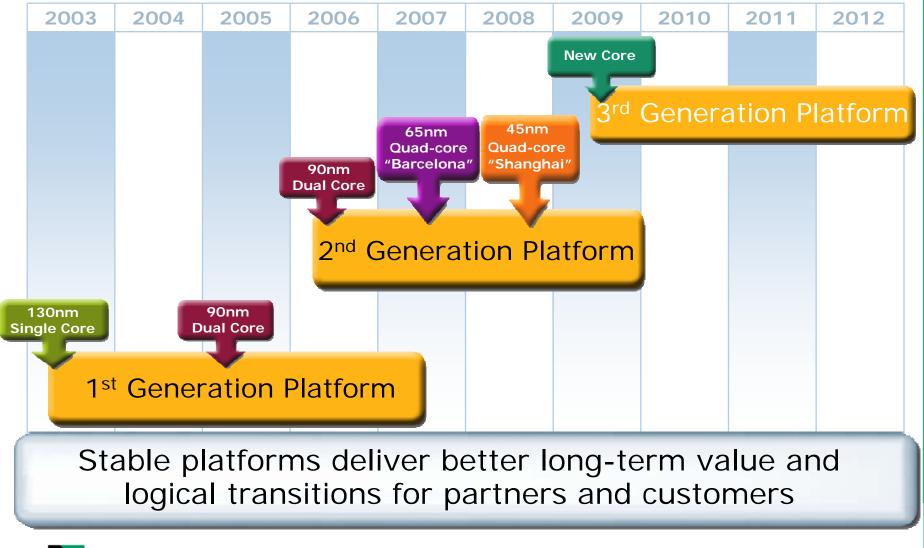




Investment Protection: Stable Platform Progression

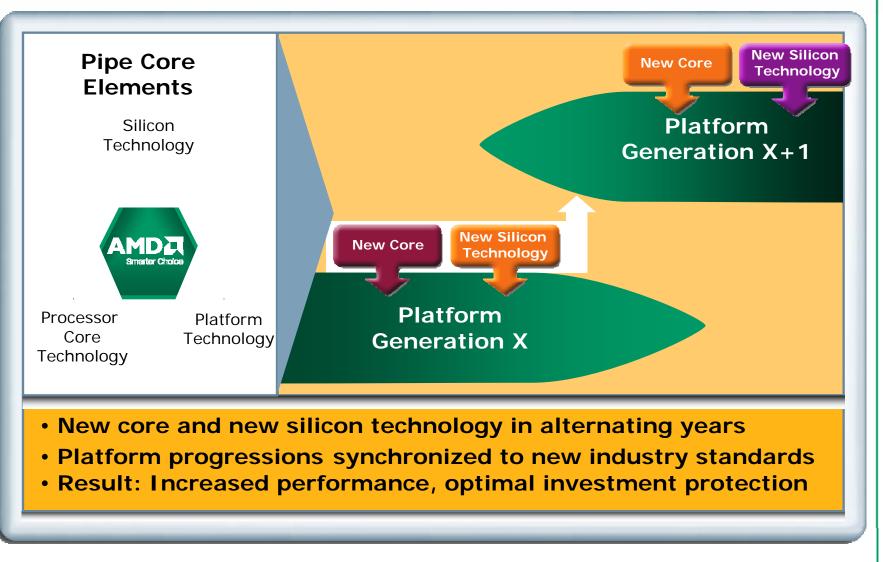


Long-term success for partners and end-customers



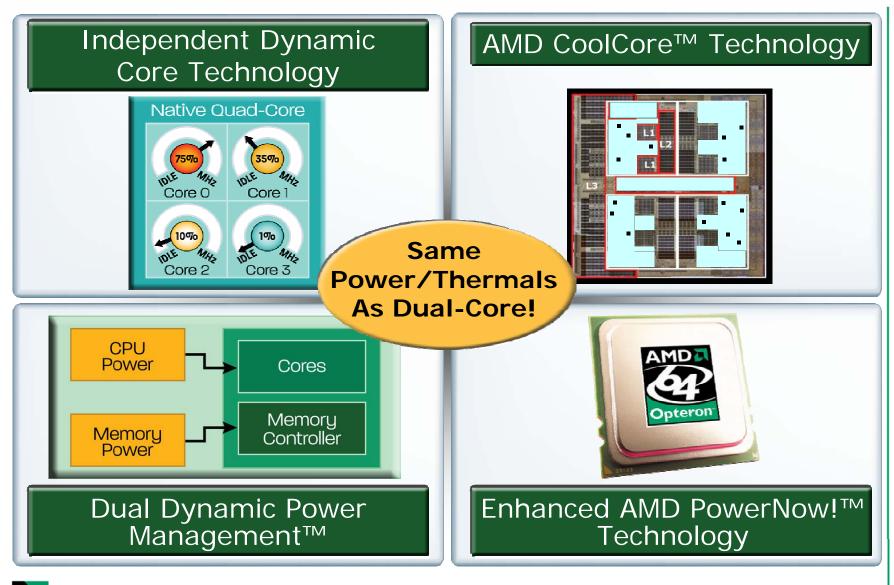
The AMD "Pipe": <u>Platform Innovation Progression</u>





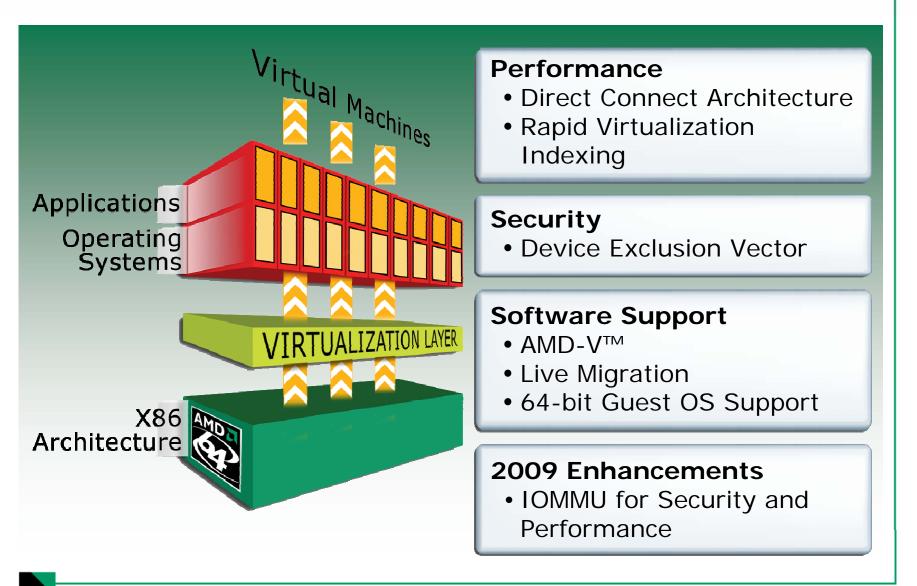
AMD Power Efficiency Innovation





AMD Virtualization™ Leadership







Steve Herrod Sr. Vice President, Technology Development VMware

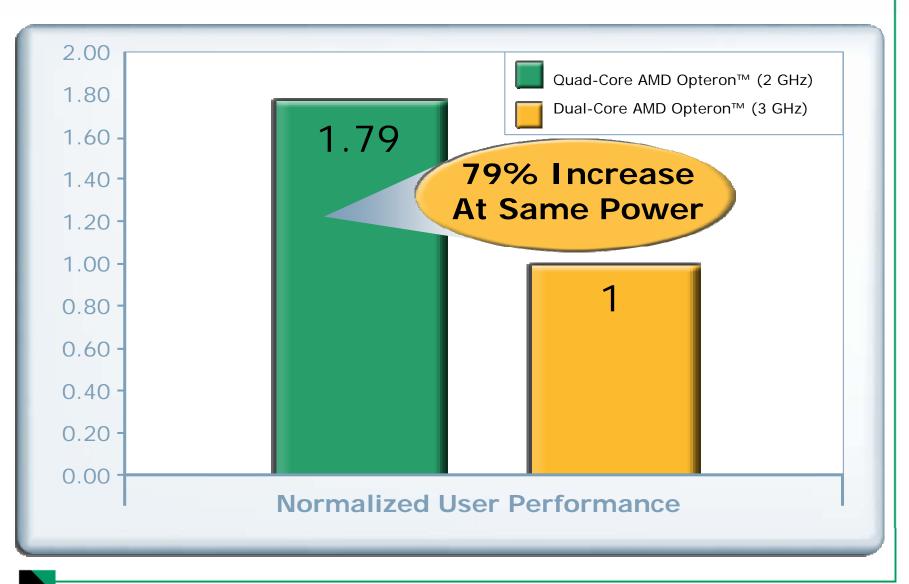
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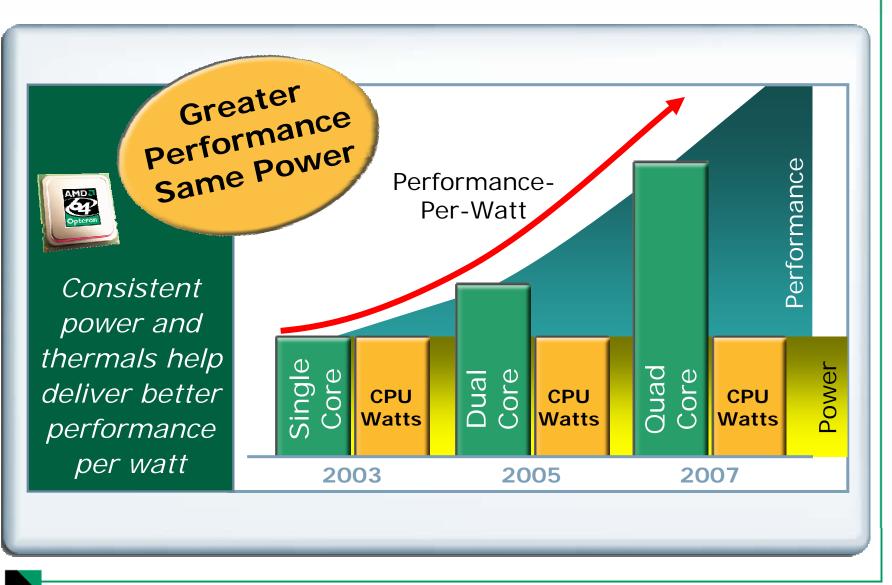
Optimal Virtualization with VMware





Performance-Per-Watt Scalability

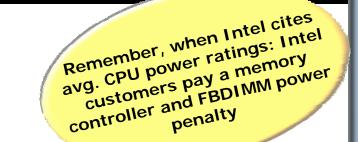




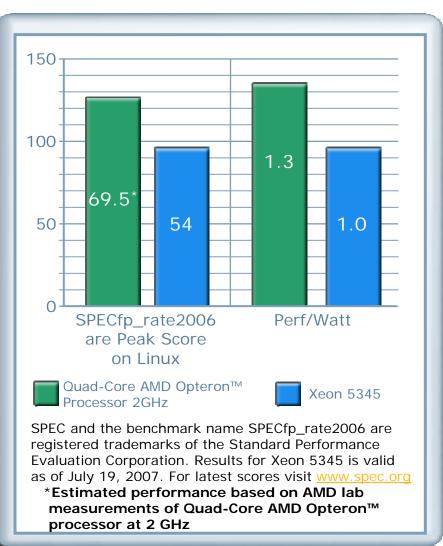
"Barcelona" Sets New Performance-Per-Watt Standard



RESULT: 25% performance advantage; more than 30% performance-per-watt advantage

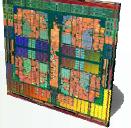


2P servers: Barcelona (2.0 GHz, 95watt) vs. Xeon 1345 (2.33 GHz, 1333 MHz FSB 80-watt); 8 DIMMs of memory; SUSE Linux Enterprise Server 10









More Demos Today

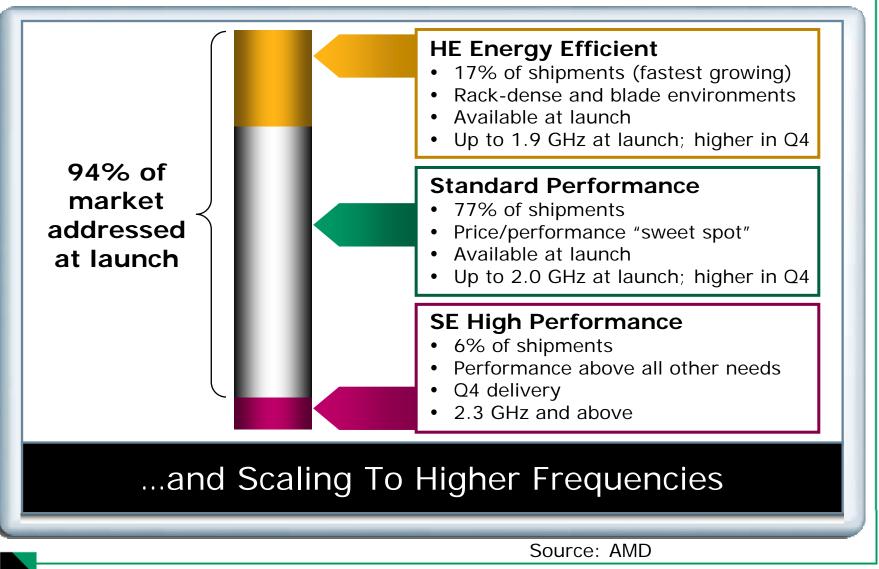
"Barcelona"-based Dell server with Microsoft Windows Server 2003 with Virtual Server

- Tier One platform running mainstream server OS
 with virtualization
- Supports Enhanced AMD PowerNow![™] Technology with simple driver update
- Enables a flexible migration to Windows Server 2008



"Barcelona": Highly Efficient at Launch...





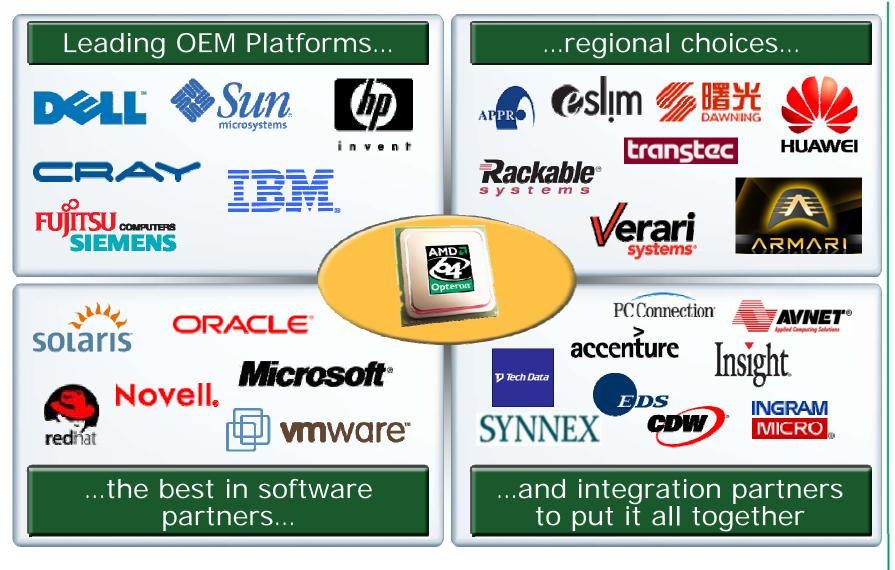
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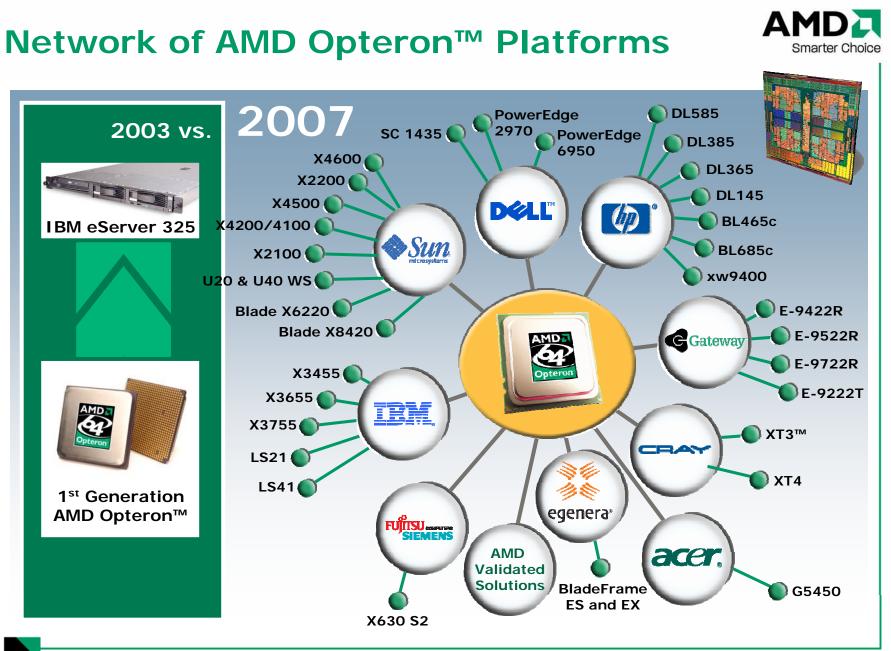


Commercial Update Agenda AMD: Earning Enterprise Business "Barcelona" Changes the Game **AMD Commercial Ecosystem** Building on the AMD Commercial Client Foundation

Expanding Ecosystem







Engaging the AMD Software Ecosystem



AMD

jboss **DIO**

Smarter Choice

AMD works with 300+ software and The Apache Software Foundation http://www.apache.org/ open source providers to develop SOL Server 200 ORACLE compilers, tools and Visual Studio.net 11**G** OSes optimized for FORTRAN our new generation C++ Windows Server 2003 of processors, and SAP R3 solaris optimized drivers for our new commercial Linux A graphics IAVA **DX10** Windows mware⁻ Hundreds of software С DB2 Libraries infrastructure Graphics OpenGL Software providers now plan product roadmaps WebSphere software Exchange Server 2007 in collaboration with AMD

...while making it easy to optimize for full "Barcelona" benefit



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Marc Hamilton Vice President, Solaris Marketing SUN Microsystems

July 26, 2007





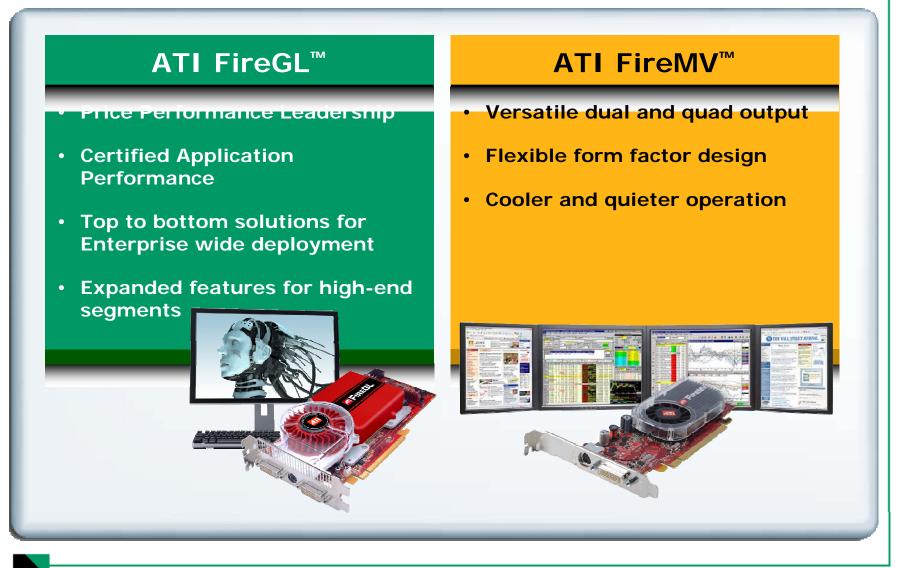
Creating the Ultimate Visual Experience AMD Workstation Update



2007

AMD Professional Graphics





Next-Generation AMD Professional Graphics: Q3 2007 Launch



ATI FireGL[™]

- Powerful 3D application
 performance
- CAD, DCC, medical, oil & gas, research, GIS

ATI FireMV[™]

Dual and quad output

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Financial traders, control centers, public information displays

Preview: ATI FireGL™ R600

- Innovation Accelerates
 Application Performance
 - Unified Shaders
 - Auto Detect
 - Industry's Largest Framebuffer
 - Stream Computing
- Innovation Maximizes Productivity
 - Multi-Card
 - ISV Certification
 - Unified Driver

AMD Server and Workstation Roadmap '07-'08

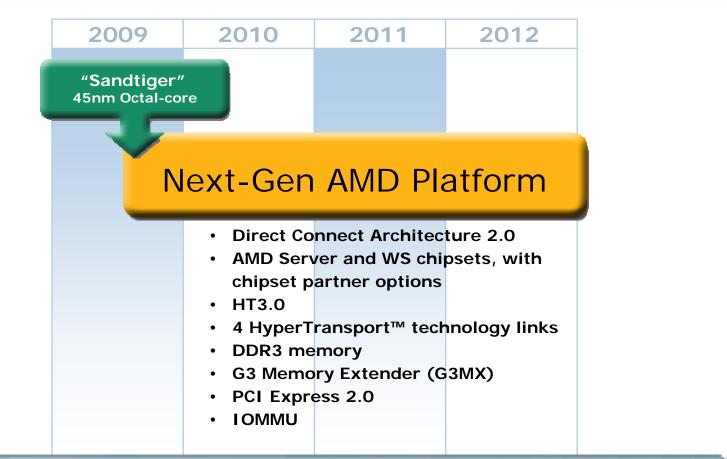


Platform Segment	2H 2007		2008	
	"Barcelona"	"Budapest"	"Shanghai"	
CPU	65nm Native Quad-Core* • 512KB L2/core • 2MB L3 • RDDR2 {667 at launch; 800 max 1H'08 • 3x HT1.0 • AMD-V • Socket F (1207)	65nm Native Quad-Core* • 512KB L2/core • 2MB L3	45nm Native Quad-Core* • 512KB L2/core • 6MB L3 • RDDR2 • 3x HT1.0 • AMD-V • Socket F (1207) • Continued IPC	
Chipset	nForce Professional 3600 Broadcom HT-2100	nForce Professional 3600 Broadcom HT-2100	Improvements Continued collaboration with industry-leading chipset partners	
Pro graphics	R600 Generation FireGL and FireMV professional graphics	R600 Generation FireGL and FireMV professional graphics	R700 Generation FireGL and FireMV professional graphics DisplayPort	

* In the 2P and 1P product lines, we will also offer dual-core variants.

Announcing Next-Generation AMD Server and Workstation Platforms

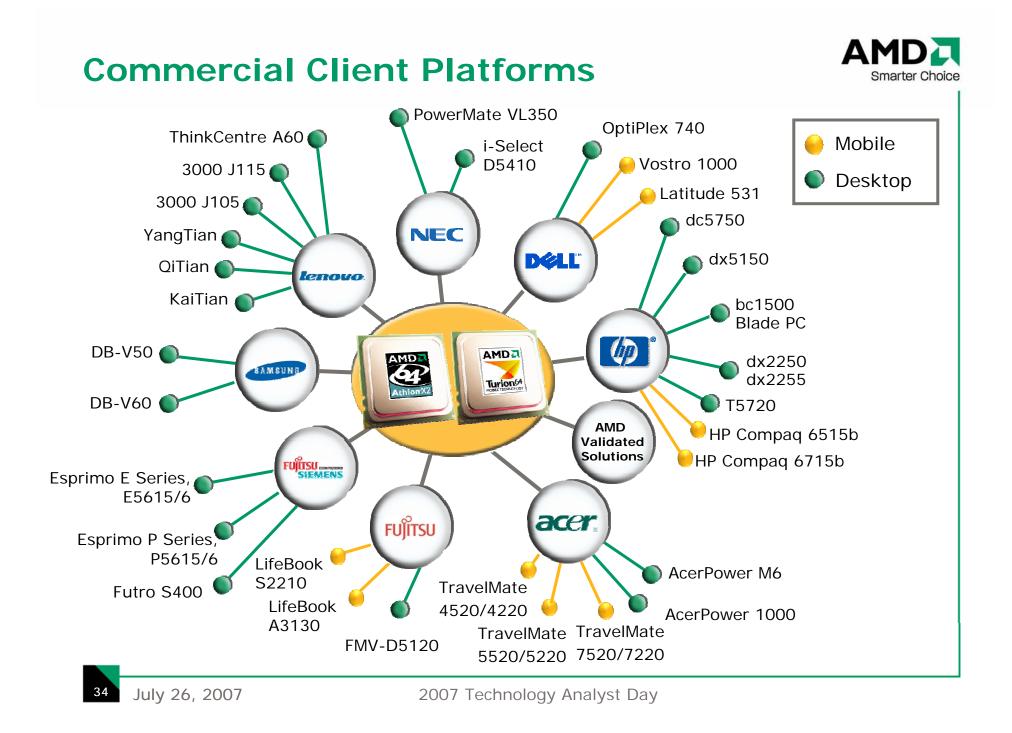




Stable platforms deliver better long-term value and logical transitions for partners and customers



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Commercial Client Momentum Building Gartner: Desktop Recommended "With AMD now available from Dell, HP and Lenovo, enterprise

viiti Airio Ilov available Ilou Dell'Il airo Leilovo, elice viiti dell' AMD and Intel. Those options

- Customers have choice between Amb and inclusion index of Windows Vista, give reason for enterprise customers to re-evaluate their PC configurations for 2007." "AMD has partnered with major OEMs to build enterprise-class PCs with AMD Athlon 64 microprocessors. With appropriate image stability commitments and warranty, AMD based systems are as viable as Intel-based systems."
 - "The availability of Microsoft Vista may change how organizations" choose their configurations."

Publication Date: 30 April 2007 ID Number: G00147770

AMD "Hardcastle" Business Class Solutions

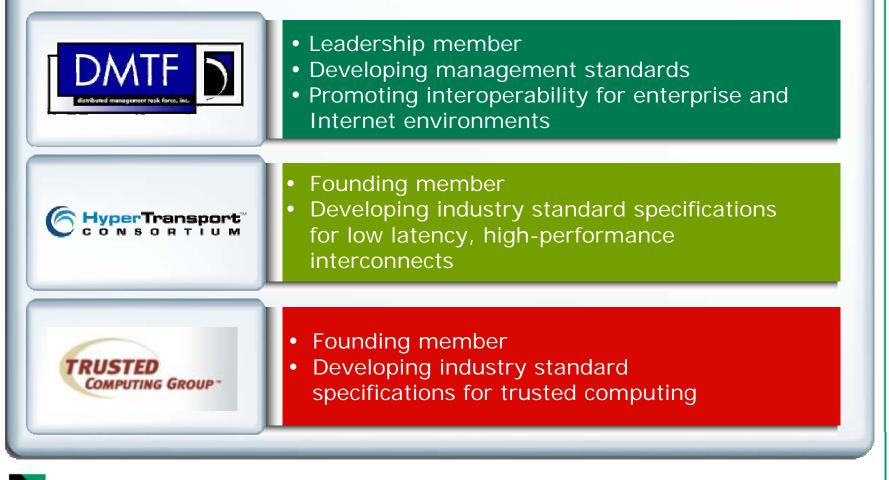


Notebook	Power-optimized CPU and chipset for longer	
Battery Life	battery life	
Desktop	Low idle power to meet new Energy Star requirements	
Energy Efficiency	Industry's 1st 45-watt desktop processor product line	
Stability & Consistency	Best-in-class stability for full set of platform components Existing design wins on stable AMD platforms via 690 chipsets include HP, Dell and Acer commercial SKUs	
Security &	Open industry standard solution set and silicon level	
Manageability	enablement	
Thinner & Lighter Notebooks SFF Desktops	Competitive platform performance within existing thermal budgets	

Open Platform Approach

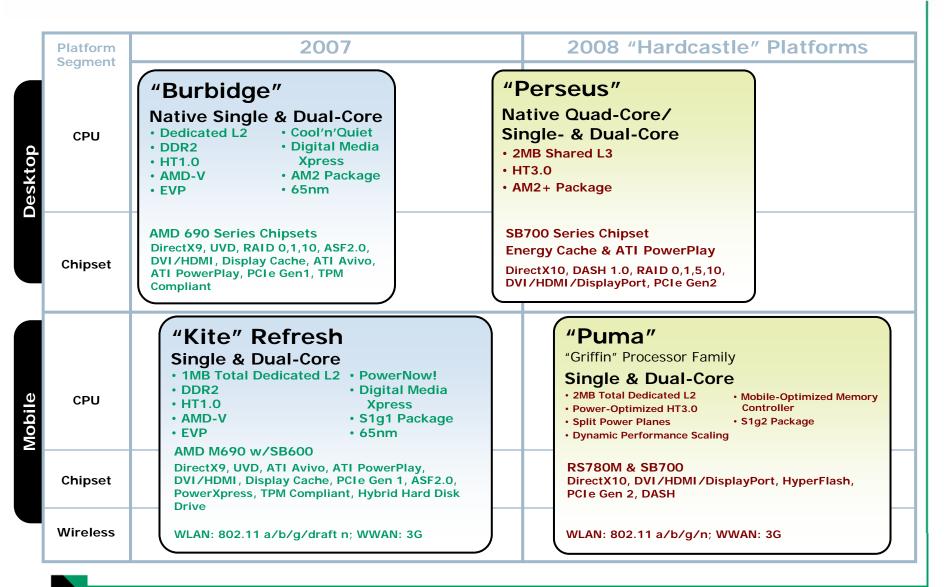


Standards and innovation together deliver best-in breed platform-level solutions



AMD Commercial Client Platforms





Commercial Update Summary



AMD: Earning Enterprise Business

- Multiple AMD Opteron platforms from the top OEMs
- Share is highest on MP servers for mission critical apps
- Commercial client design wins increased 71% in 7 months

"Barcelona" Native Quad-core Changes the Game

- Investment Protection: Synchronized Platform Progression
- Power Efficiency Innovation
- AMD Virtualization[™] Leadership
- HE available at launch with performance scaling

AMD Collaborates with the Full Commercial Ecosystem

- OEM platforms for server and client growing
- Software ecosystem primed for "Barcelona", next-generation ATI FireGL

Building on the AMD Commercial Client Foundation

- Unabated growth in design wins
- Open approach to manageability and security
- Platform value proposition taking root



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