The 1.3GHz AMD Duron™ Processor

AMD Press Presentation

The 1.3GHz AMD Duron™ Processor

- Today AMD announces the new 1.3GHz AMD Duron™ processor.
- AMD Duron processors enable performance for everyday computing for both business and home users.
- The balanced combination of features in the AMD Duron processor enables a rewarding Microsoft® Windows® XP experience.
- The AMD Duron processor includes innovative features to improve performance of digital photo, audio, and Internet applications.
- The AMD Duron processor is also available at 1.2GHz, 1.1GHz, and 1.0GHz.

The AMD Duron™ Processor: Performance for Everyday Computing

- The AMD Duron processor enables outstanding performance for mainstream price points.

- A 1.3GHz AMD Duron processor-based system with SDRAM memory outperforms a 1.2GHz Celeron processor-based system* by up to 15% on digital media and productivity.

- The 1.3GHz AMD Duron processor with DDR memory outpaces the 1.4GHz Pentium® 4 processor with SDRAM by up to 15% on office productivity and digital media applications, and by up to 30% on gaming benchmarks.

AMD checked various vendors and channels and were unable to locate a 1.3GHz Celeron bare processor with which to benchmark.

The Evolution of DDR Memory

- The AMD Duron™ processor uses Socket A infrastructure allows it to take advantage of the same innovations in PC chipsets and memory as the award-winning AMD Athlon™ XP processor.

- AMD was the first PC processor company to promote DDR memory, and the first company to introduce a DDR memory-based chipset, in October 2000. Today, more than 250 Socket A motherboards are available, with more than 100 that support DDR memory.

- The AMD Duron processor can take advantage of both DDR and SDRAM memory, giving OEMs and system builders the flexibility to meet specific price points.

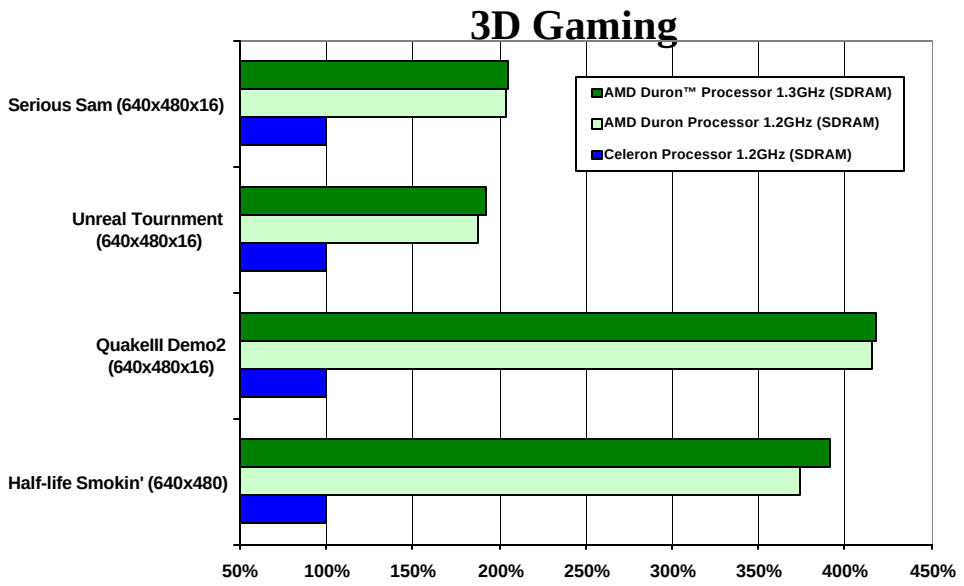
- Socket A infrastructure has unmatched platform stability.

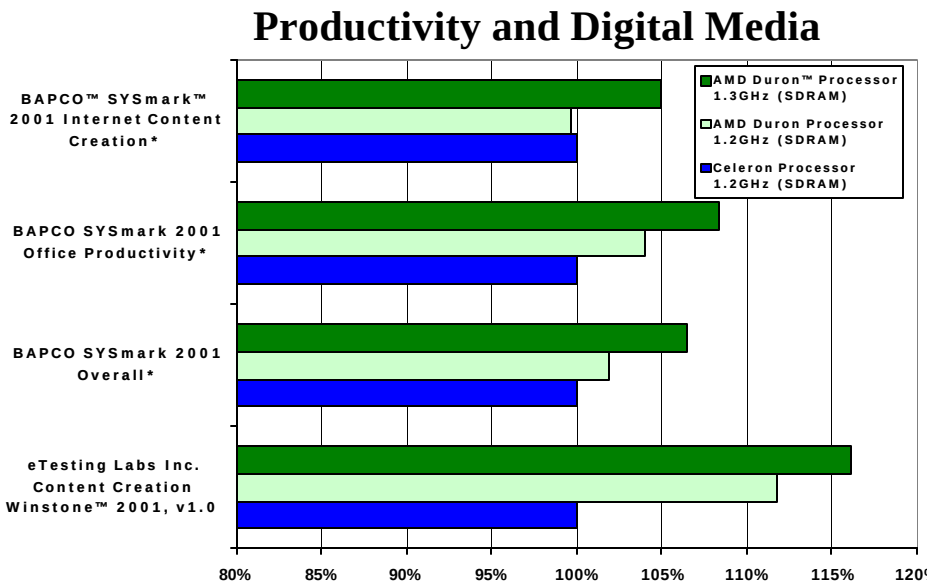
1.3GHz AMD Duron™ Processor-Based System

(SDRAM System Benchmarks**)

Comparison with 1.2GHz Celeron processor-based system at similar cost

- The 1.3 AMD Duron™ processor enhances overall productivity for a variety of applications.
- The outstanding capabilities of the AMD Duron processor, in combination with the features of Windows® XP, provide an enjoyable Internet experience.





- AMD Duron processors deliver great performance for digital entertainment.
- At similar system costs (within $30), an AMD Duron processor-based system with a plug-in graphics card provides a substantial performance advantage against a 1.2GHz Celeron processor-based system.

Updated Windows® Media Encoder Results for AMD Duron processor-based systems contain a software update which enables 3DNow!™ Professional technology in version 7.0 of Microsoft Windows® Media Encoder. This software patch is not publicly available; however currently available dynamic link library versions 8.0 for Microsoft Windows Media Encoder enable support for 3DNow! Professional technology.* ***Benchmarks for the AMD Duron processor contain a plug-in graphics card.*

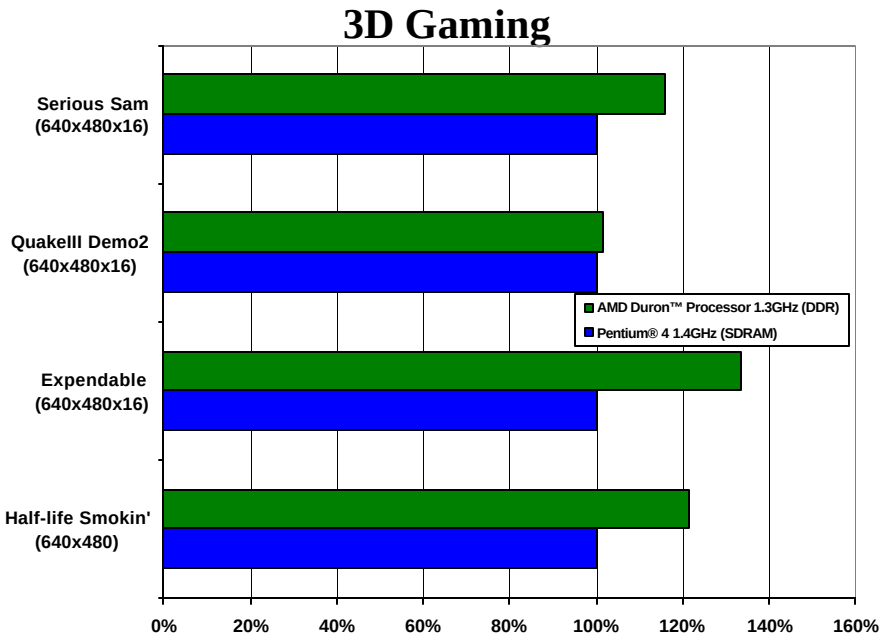
*****See Backup for benchmark configurations.***

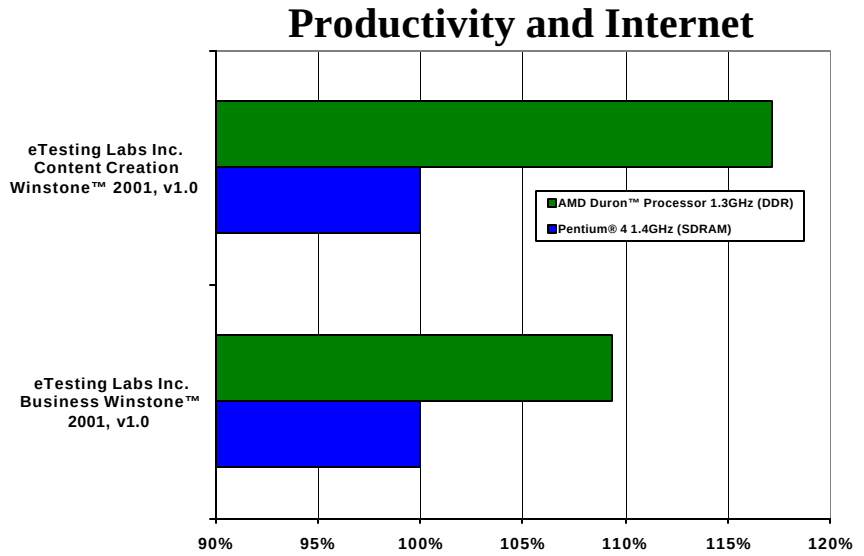
1.3GHz AMD Duron™ Processor–Based System

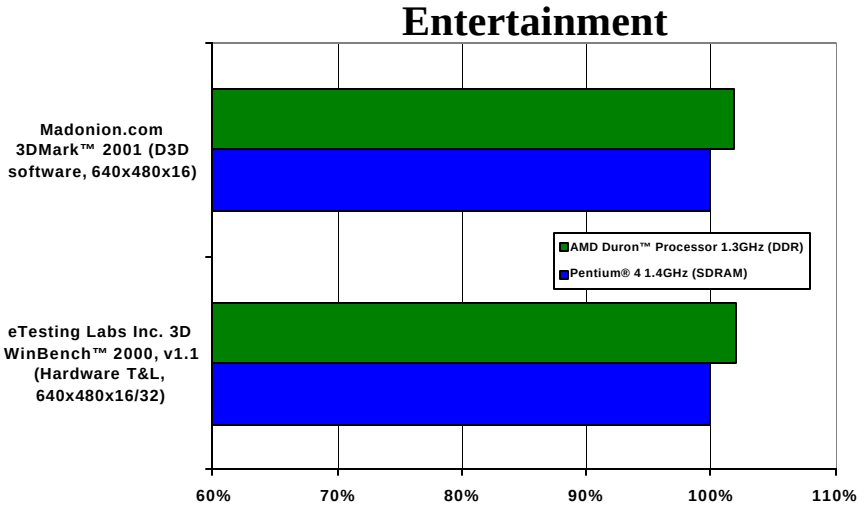
(DDR System Benchmarks)

Comparison with 1.4GHz Pentium® 4 and SDRAM

- A 1.3GHz AMD Duron™ processor-based system with DDR memory outperforms a 1.4GHz Pentium 4 based systems with SDRAM on many industry standard benchmarks.
- The 1.3GHz AMD Duron processor-based system can provide more performance with a lower overall system cost.







Note: See Backup for system configuration

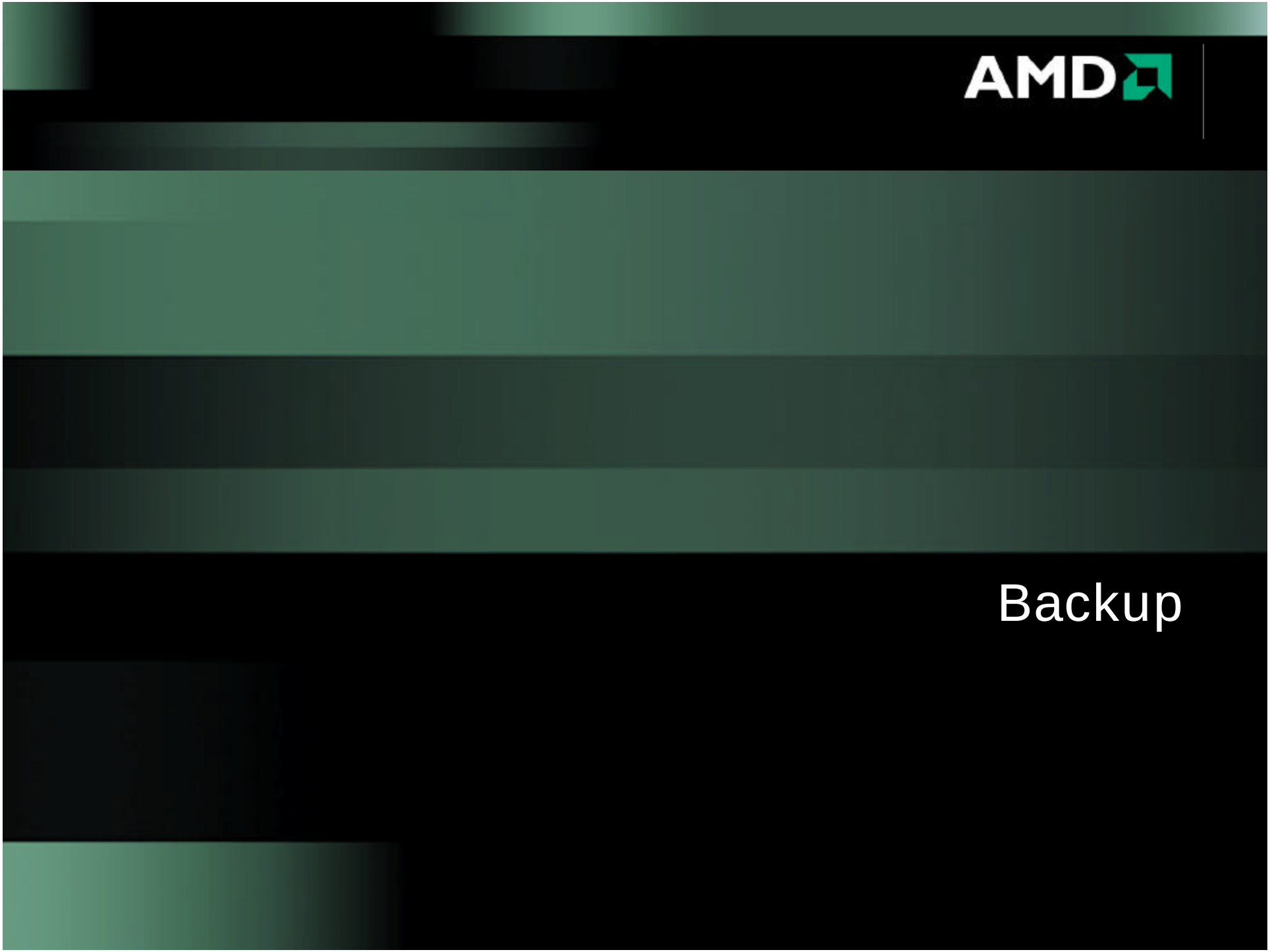
Summary

- Today, AMD is introducing the 1.3GHz AMD Duron processor. The AMD Duron processor is based upon AMD's award-winning AMD Athlon™ processor, and offers an ideal combination of performance and features for mainstream PC users.

- The 1.3 GHz AMD Duron processor is optimized for the Windows XP Home and Professional operating systems and delivers best-in-class performance for photo, audio and Internet applications.

- The AMD Duron processor uses Socket A infrastructure, delivering unmatched platform stability for commercial customers. The AMD Duron processor can take advantage of both DDR and SDRAM memory, giving OEMs and system builders the flexibility to meet specific price points.

- AMD expects worldwide availability of the 1.3GHz AMD Duron processor through the system builder and direct channels.


AMD
Backup

AMD Duron™ Processor:
Performance for Everyday Computing

Gets everyday tasks done faster

- Versatile and practical tool for everyday computing needs
- Boots and loads applications quickly
- Compatible with Microsoft® Windows® XP operating system
- Enhances overall productivity

Designed to run flawlessly on the world's most popular software

Enables a rewarding Windows XP experience

- Great performance for digital entertainment including games and DVD playback
- Provides an enjoyable Internet experience
- Enables superb communication to family and friends with digital video, voice, and instant messaging
- Easily view and share home movies
- Better downloading and playing of music and files
- Increased productivity for editing images and sending photos

AMD Duron™ Processor for Desktop – 1K Pricing

- 1.3GHz U.S. $118
- 1.2GHz U.S. $103
- 1.1GHz U.S. $ 89
- 1.0GHz U.S. $ 74

All prices in 1,000-unit quantities

Benchmark Configurations

AMD Duron™ Processor (DDR)		**SiS 735 (with DDR memory)**
OS	Microsoft® Windows® XP Professional	DirectX 8.1
Hardware	System	ECS K7S5A v2.1
	CPU	AMD Duron™ 1.3GHz
	Chipset	SiS 735
	BIOS	BIOS s5a010920lan
	Memory	PC2100 Qty (2), 128MB DIMM Modules (256MB total)
	Hard Drive	IBM IC35L020AVER07-0, 20.5GB
	Video Card	Leadtek Winfast Geforce2 MX64
	Sound Card	SiS AC97 Audio Codec (on board)
Software	EIDE Drivers	provided by Operating System
	Sound Card	SiS 7012 PCI Audio driver V2.47
	Video Card	nVidia 21.83 detonator driver

Pentium® 4 Processor (SDRAM)		**i845**
OS	Microsoft® Windows® XP Professional	DirectX 8.1
Hardware	System	Intel D845WN
	CPU	Pentium® 4 1.4GHz
	Chipset	i845
	BIOS	HV84510A.86A.0024.P06
	Memory	PC133 SDRM Qty.(2), 128MB DIMM Modules (256MB total)
	Hard Drive	IBM Deskstar IC35L020AVER07, 20.5GB
	Video Card	Leadtek Winfast Geforce2 MX64
	Sound Card	Analog Devices, Inc. SoundMAX Integrated Digital Audio(Integrated)
Software	EIDE Drivers	Intel IDE Application Accelerator 1.1.2053
	Sound Card	Provided by Operating System; version:
	Video Card	nVidia, version:21.83

Benchmark Configurations

AMD Duron™ Processors (SDRAM)		SiS 735 (with SDRAM memory)
OS	Microsoft® Windows® XP Professional	DirectX 8.1
Hardware	System	ECS K7S5A v2.1
	CPU	AMD Duron™ 1.2GHz, 1.3GHz
	Chipset	SiS 735
	BIOS	BIOS s5a010920lan
	Memory	PC133 Qty.(2), 128MB DIMM Modules (256MB total)
	Hard Drive	IBM IC35L020AVER07-0, 20.5GB
	Video Card	Leadtek Winfast Geforce2 MX64
	Sound Card	SiS AC97 Audio Codec (on board)
Software	EIDE Drivers	provided by Operating System
	Sound Card	SiS 7012 PCI Audio driver V2.47
	Video Card	nVidia 21.83 detonator driver

Celeron Processor (SDRAM)		i815E
OS	Microsoft® Windows® XP Professional	DirectX 8.1
Hardware	System	Intel D815EEA2 / D815EPEA2U
	CPU	Celeron 1.2GHz
	Chipset	i815E
	BIOS	EA81520A.86A.0028.P15.0109180850
	Memory	PC133 Qty.(2), 128MB DIMM Modules (256MB total)
	Hard Drive	IBM IC35L020AVER07-0, 20.5GB
	Video Card	Intel 82815 Graphics Controller
	Sound Card	Analog Devices, Inc. SoundMAX Integrated Digital Audio
Software	EIDE Drivers	Intel 82801BA ICH2 Ultra ATA Controller, version 6.20.2018
	Sound Card	Integrated Audio:ADI 1885 SoundMAX3, version WDM_5.12.01.3034_SM3
	Video Card	Intel 815 GMCH ICH2, version 6.13.01.2872

Cautionary Statement

This presentation contains forward-looking statements, which are made pursuant to the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995. Forward-looking statements are generally preceded by words such as “expects”, “plans”, “believes”, “anticipates”, or “intends.” Investors are cautioned that all forward-looking statements in this presentation involve risks and uncertainty that could cause actual results to differ materially from current expectations. Forward-looking statements in this presentation involve the risks that PC systems incorporating the new 1.3GHz AMD Duron™ processor may not be released on schedule or at all. We urge investors to review in detail the risks and uncertainties in the company’s U.S. Securities and Exchange Commission filings, including the most recently filed Form-10K.