

## Mobile AMD Athlon<sup>™</sup> XP-M Processors Performance and Mobility Update June 17, 2003



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- AMD mobile strategy
- Balance of performance and mobility
- New products and new mobile successes
- Roadmap

Maintain market share momentum in Consumer and Small-Medium Business (SMB)

- Respond to new market trends
- Expand in new and emerging markets

Expand focus to Commercial and Thin-and-Light solutions

- Largest, fastest growing and essential for growth
- Effectively doubles available market
- -Wireless solutions: AMD partners offer a broad choice



# The state of mobile computing AMD covers the marketplace





Low-voltage mobile AMD Athlon XP-M processor Thin & Light Ultra-Note Consumer/Commercial

Lower power consumption for extended system battery life



- Continuing success of 1Q03 product announcement
  - New products from nine OEMs worldwide
    - AVERATEC, eMachines, EPSON DIRECT, Fujitsu, Fujitsu-Siemens, HP, NEC, Sharp and Sotec
  - New OEM partner for mobile eMachines
    - M5305 widescreen notebook is being well-received
- Mobile AMD Athlon<sup>™</sup> XP-M processor product line addresses major market segments
  - -Full-size—builds on existing success in consumer
  - -Thin-and-light—enables growth in SMB and consumer
- New segments pave the way for new customers and markets
- AMD's mobile processors offer a balanced combination of performance and mobility features for on-the-go lifestyles
  - Deliver outstanding performance
  - Deliver increased system battery life for longer productivity



- Relationships with best-in-class mobile chipset and wireless providers
  - Chipset partners include: ATi, VIA, Ali and SiS
  - Wireless partners include: AMD Alchemy<sup>™</sup> Solutions, Agere, Atheros, Broadcom and Intersil
- Full range of graphics solutions
  - High-performance discreet graphics for graphic-intensive applications
  - Integrated, UMA graphics for mainstream applications
- Open competition drives innovation and better, differentiated solutions for OEM and end-user customers

The Low Voltage Mobile AMD Athlon<sup>™</sup> XP-M processor For Thin-and-Light Notebooks







- Now available in models 2000+ and 1900+ based on "Barton" core for increased performance
  - 512k L2 cache
- Enables thin-and-light designs
  - Smaller package size for smaller form factors weighing less than four pounds
  - Lower power consumption for extended system battery life and excellent productivity
- Also available in model numbers 1800+, 1700+, 1600+, 1500+, and 1400+
- New Fujitsu Lifebook S2020 announcing 6/17
  - Based on new low-voltage mobile AMD Athlon<sup>™</sup> XP-M processor 1900+
- New thin-and-light designs from
  - Fujitsu PC LifeBook S2010 (US), Fujitsu FMV Biblo MG 17 (Japan), Sharp Actius AV18 (US), Sharp Mebius Muramasa MVI (Japan), and Sotec WinBook WL7150 (Japan)

The Mobile AMD Athlon<sup>™</sup> XP-M processor For Desktop Replacement Notebooks







AMD Athlon<sup>™</sup> XP-M processor based on the "Barton" core

- AMD moves mobile processor performance forward with the introduction of model 2800+ based on "Barton" core
- Leading-edge mobile system performance – outstanding performance and longer mobile productivity
  - New processor is based on the "Barton" core
  - Larger cache for improved multitasking, faster video and audio playback, higher gaming frame rates, and compute-intensive applications
- Also available in model numbers 2600+, 2400+, 2200+, and 2000+ for Desktop Replacement notebooks, based on the "Thoroughbred" core

#### **AMD Processor Roadmap**



#### Summary

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- AMD today announces updates to its family of power-managed notebook PC processors for thin-and-light and desktop replacement notebooks. Mobile AMD Athlon<sup>™</sup> XP-M processors deliver a balanced combination of performance and mobility features essential to on-the-go productivity.
- Leading the way is the introduction of the low-voltage mobile AMD Athlon XP-M processor with 512KB L2 cache. Targeting SMB users and consumers who prize performance, outstanding portability and extended system battery life, the low-voltage mobile AMD Athlon XP-M processor is now available in models 2000+ and 1900+.
- Mobile AMD Athlon XP-M processors are designed with an open architecture, allowing them to work with any 802.11 solution. OEMs can choose any wireless solution today, including 802.11a, 802.11b, and 802.11g, that best meets the needs of their customers.
- AMD demonstrates its continued commitment to the consumer and smallto-medium business markets by introducing the high-performing mobile PC processors, the mobile AMD Athlon XP-M processor 2800+ based on the "Barton" core.



## Backup

Mobile AMD Athlon<sup>™</sup> XP processor family pricing in 1000 unit quantities



Model Number	Desktop Replacement (Socket A)	Mainstream (Socket A)	Low Voltage (uPGA)
2800+	\$230		
2600+	\$156		
2500+	\$129	\$134	
2400+	\$108	\$113	
2200+	\$86	\$91	
2000+	\$71	\$76	\$134
1900+		\$69	\$123
1800+		\$59	\$112
1700+		\$55	\$97
1600+		\$55	\$80
1500+			\$71
1400+			\$57

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