

ATI Radeon™ HD 4350

The Natural Evolution From Integrated Graphics!!

Display Graphics Beyond HD

Minimal Power Requirements

Comprehensive Feature Set



ATI Radeon™ HD 4350

*Beyond HD at Ultra Affordable Price**

- Display Support above 1080p resolutions**
- Natural Step from Integrated Graphics
- Support for HDMI with 7.1 ch Audio
- Low Profile, Active and Passive Solutions

ATI Radeon™ HD 4350



80 Stream Processors

96 GFLOPS of Compute Power

20 Watts Board Power!

Up to 8.0 GB/sec Bandwidth!

*Not all features may be supported by all add-in-board partners. Some partners may not support 500MHz memory. Please check with the AIB manufacturer.

**ATI Radeon™ HD 4350 supports display resolutions up to 2560x1600

ATI Radeon™ HD 4350 – Technology Leader AMD Smarter Choice



ATI Radeon™ HD 4350

NVIDIA GeForce 8400 GS

Architecture

New

Old

DirectX® Support

DirectX® 10.1

DirectX® 10

Process Technology

55 nm

80 nm

Compute Power

96 GFLOPS

28.8 GFLOPS*

Design Efficiency

4.8 GFLOPS/Watt

1.2 GFLOPS/Watt*

Texture Fill Rate

4.8 GT/s

3.6 GT/s*

3DMark® Vantage (Entry)**

1.66 x

1 x

* GeForce 8400 GS GT/s reported on NVIDIA product site (http://www.nvidia.com/object/geforce_8400.html). GeForce 8400 GS GFLOPS calculated based on NVIDIA product information (<http://www.gpureview.com/geforce-8400-gs-pci-e-card-529.html>). GFLOPS = Processor Cores x Processor Clock x 2. GFLOPS/W based on calculated GFLOPS / Max Card Power. NVIDIA GeForce 8400 GS board power based on http://h18000.www1.hp.com/products/quickspecs/12748_na/12748_na.HTML.

** For comparison and configuration information, see slide 39.

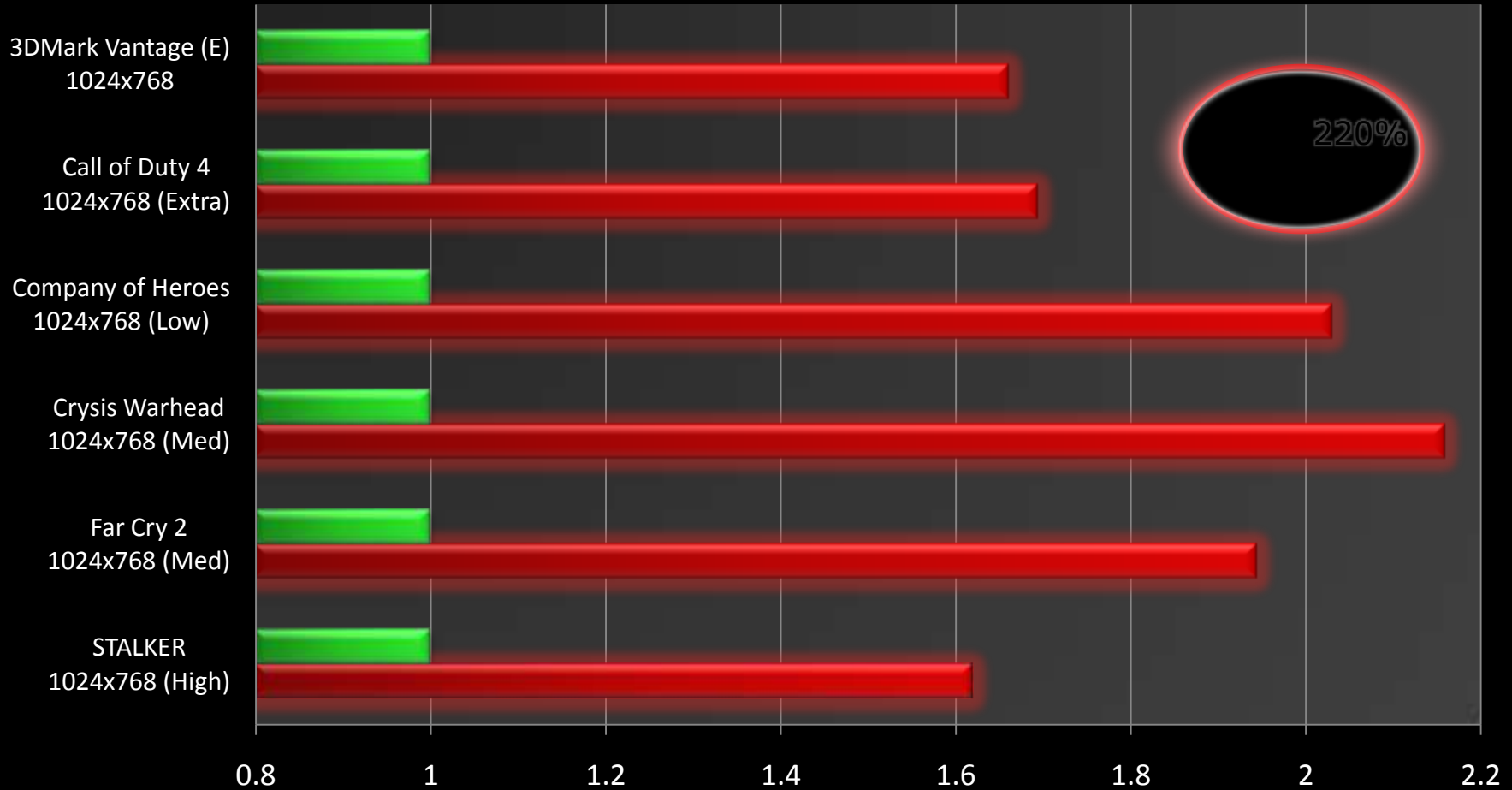
Phenomenal Performance



ATI Radeon™ HD 4350



GeForce 8400 GS

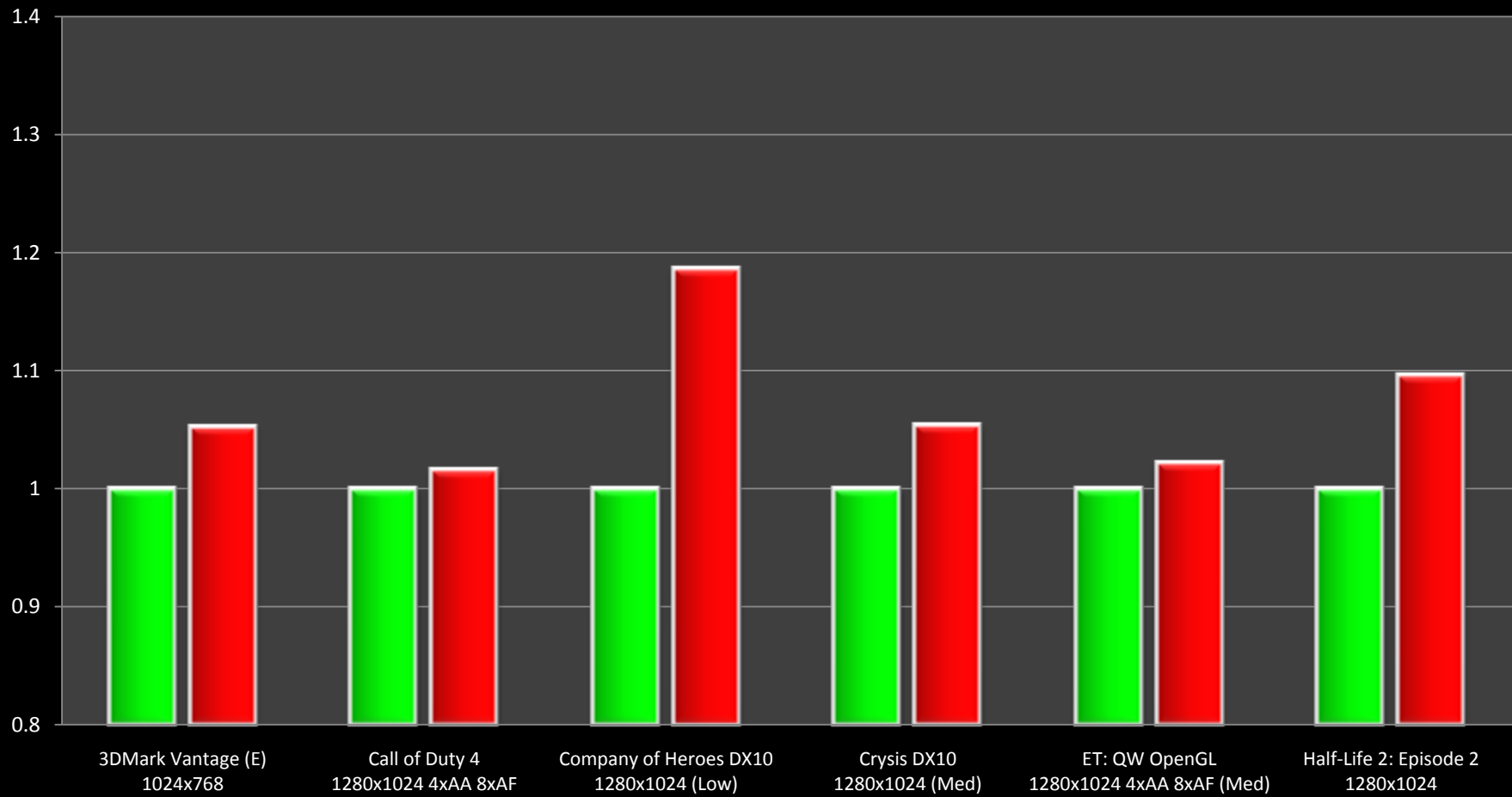


Comparisons based on AMD internal testing using AMD reference platform Configuration: AMD Phenom™ processor 8650 (B3 2.6Ghz), Gigabyte MA790GP/ASUS M3N-HT DLX (780a), 2GB DDR2-800-5-5-5-12, Windows Vista® Ultimate SP1 64bit. Display driver: Cat 8.12-8.561, nVidia 180.48 WHQL PhysX Acceleration Off ; AMD Graphics : 256MB DDR2 600e/500m Nvidia: 256MB 459e/400m

Phenomenal Performance

 **ATI Radeon™ HD 4350 Graphics**

 **GeForce 9400 GT**

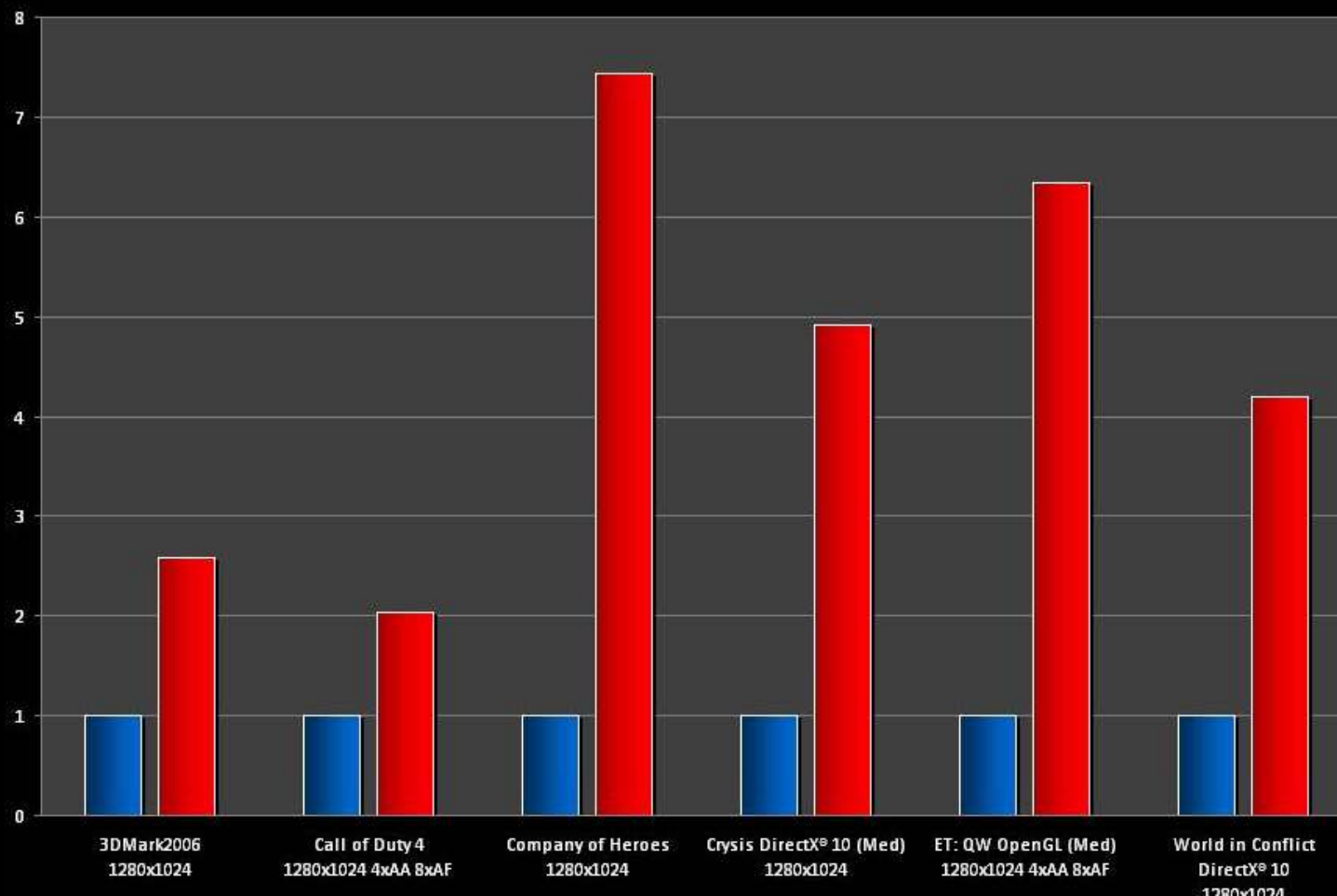


Comparisons based on AMD internal testing using AMD reference platform Configuration: AMD Phenom™ processor 9950 (B3 2.6Ghz), MSI K9A2 (790FX) / ASUS M3N-HT DLX (780a), 2GB DDR2-800-5-5-5-18, Windows Vista® Ultimate SP1 64bit. Display driver: 8.53_BR067635-0808142105, nVidia 177.79 WHQL Candidate ; AMD Graphics : HD 4350 256MB DD2 600e/500m Nvidia: 512MB DDR2 550e/400m. Results normalized to 9400 GT.

Up to 7.4x Faster than Integrated Graphics

 **ATI Radeon™ HD 4350**

 **Competitive Motherboard
with Integrated Graphics**



Comparison of Intel Core 2 Quad Q6600 @ 2.4 Ghz, Asus P5Q-EM (G45), 2GB DDR2-800 5-5-5-18, Windows VISTA Ultimate SP1 64bit with ATI Radeon™ HD 4350 256M 600e/500m and without ATI Radeon™ HD 4350. Results normalized to Intel G45.

ATI Radeon™ HD 4350 Board SKU



ATI Radeon™ HD 4350 256MB DDR2

Frame Buffer

256MB DDR2

Engine Clock

600 MHz

Memory Clock*

Up to 500 MHz

Power

20Watts

Display Connectors

DL-DVI, TVO, VGA

Form Factor

Low Profile with Passive Cooling Option

Memory Bandwidth

8.0 GB/sec



**Not all features may be supported by all add-in-board partners. Some partners may not support 500MHz memory. Please check with the AIB manufacturer.*

AMD CONFIDENTIAL

Excellent Gaming and Ideal for HTPCs! AMD Smarter Choice



Cable-Free Installation

Works on Most Standard ATX Power Supplies

Fits Easily in Many Small Form Factor PC

7.1 Channel Surround Sound Support

Thank You



Disclaimer and Attribution

DISCLAIMER

The information presented in this document is for informational purposes only and may contain technical inaccuracies, omissions and typographical errors.

AMD MAKES NO REPRESENTATIONS OR WARRANTIES WITH RESPECT TO THE CONTENTS HEREOF AND ASSUMES NO RESPONSIBILITY FOR ANY INACCURACIES, ERRORS OR OMISSIONS THAT MAY APPEAR IN THIS INFORMATION.

AMD SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT WILL AMD BE LIABLE TO ANY PERSON FOR ANY DIRECT, INDIRECT, SPECIAL OR OTHER CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF ANY INFORMATION CONTAINED HEREIN, EVEN IF AMD IS EXPRESSLY ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

ATTRIBUTION

© 2008 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, AMD Phenom, AMD Athlon, ATI, the ATI logo, Catalyst, CrossFireX, OverDrive, PowerPlay and Radeon and combinations thereof are trademarks of Advanced Micro Devices, Inc. Other names are for informational purposes only and may be trademarks of their respective owners. Microsoft, Windows, and Windows Vista are registered trademarks of Microsoft Corporation in the United States and/or other jurisdictions.