

CONSUMERIZATION, CLOUD, CONVERGENCE.

*AMD 2012 Financial Analyst Day
February 2, 2012*

AMD Product and Technology Roadmaps



AMD 2012 Desktop Graphics Roadmap



2011: Codename "Northern Islands"

2012: Codename "Southern Islands"

	2011: Codename "Northern Islands"	2012: Codename "Southern Islands"
Enthusiast	AMD Radeon™ 6990 GPU	AMD Radeon™ 7000 Series GPU <i>Ultra Enthusiast Graphics Card</i>
	AMD Radeon™ 6900 Series GPUs	AMD Radeon™ 7900 Series GPU <i>Codename: "Tahiti"</i>
Performance	AMD Radeon™ 6800 Series GPUs	AMD Radeon™ 7000 Series GPU <i>Codename: "Pitcairn"</i>
	AMD Radeon™ 6700 Series GPUs	AMD Radeon™ 7000 Series GPU <i>Codename: "Cape Verde"</i>
Mainstream	AMD Radeon™ 6600 Series GPUs	→
	AMD Radeon™ 6500 Series GPUs	→
Value	AMD Radeon™ 6450 GPU	→

AMD roadmaps are subject to change without notice



AMD 2012 Notebook Graphics Roadmap



2011: Codename "Vancouver"

2012: Codename "London"

	2011: Codename "Vancouver"	2012: Codename "London"
Enthusiast	<ul style="list-style-type: none">AMD Radeon™ 6900M Series GPUsAMD Radeon™ 6800M Series GPUs	<ul style="list-style-type: none">AMD Radeon™ 7000M Series GPUs <i>GCN Architecture Series</i>
Performance	<ul style="list-style-type: none">AMD Radeon™ 6700M Series GPUsAMD Radeon™ 6600M Series GPUs	<ul style="list-style-type: none">AMD Radeon™ 7600M Series GPUs <i>Terascale II Architecture Series</i>
Mainstream	<ul style="list-style-type: none">AMD Radeon™ 6500M Series GPUsAMD Radeon™ 6400M Series GPUs	<ul style="list-style-type: none">AMD Radeon™ 7500M Series GPUs <i>Terascale II Architecture Series</i>AMD Radeon™ 7400M Series GPUs <i>Terascale II Architecture Series</i>
Value	<ul style="list-style-type: none">AMD Radeon™ 6300M Series GPUs	

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AMD 2012-2013 Desktop Roadmap



2012

2013

	2012	2013
Performance	<p>2nd Gen FX CPUs codename "Vishera" 4-8 "Piledriver" CPU cores</p>	<p>2nd Gen FX CPUs, codename "Vishera" 4-8 "Piledriver" CPU cores</p>
Mainstream	<p>AMD 2nd Generation A-Series APUs codename "Trinity" 2-4 "Piledriver" CPU cores 2nd Generation DX[®]11 GPU</p>	<p>"Kaveri" APU 2-4 "Steamroller" CPU Cores Graphics Core Next (GCN) GPU HSA Application Support</p>
Essential	<p>AMD E-Series APUs codename "Brazos 2.0" 2 "Bobcat" CPU Cores DX[®]11 capable GPU</p>	<p>"Kabini" APU 2-4 "Jaguar" CPU cores Graphics Core Next (GCN) GPU</p>
Tablet/Fanless		

AMD roadmaps are subject to change without notice

40nm

32nm

28nm



AMD 2012-2013 Mobile Roadmap



2012

2013

	2012	2013
Performance	<p>AMD 2nd Generation A-Series APUs codename "Trinity"</p> <p>Standard (35W) and Low Voltage (17-25W)</p> <p>2-4 "Piledriver" CPU cores</p> <p>2nd Generation DX®11 GPU</p>	<p>"Kaveri" APU</p> <p>2-4 "Steamroller" CPU Cores</p> <p>Graphics Core Next (GCN) GPU</p> <p>HSA Application Support</p>
Mainstream	<p>AMD C-Series and E-Series APUs codename "Brazos 2.0"</p> <p>Low Voltage (9-18W)</p> <p>2 "Bobcat" CPU Cores</p> <p>DX®11 capable GPU</p>	<p>"Kabini" APU</p> <p>2-4 "Jaguar" CPU cores</p> <p>Graphics Core Next (GCN) GPU</p>
Essential	<p>AMD Z-Series APU codename "Hondo"</p> <p>1-2 "Bobcat" CPU Cores, Ultra Low Voltage (4.5W), DX®11 capable GPU</p>	<p>"Temash" APU</p> <p>2 "Jaguar" CPU Cores</p> <p>Graphics Core Next (GCN) GPU</p>
Tablet/Fanless		

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40nm 32nm 28nm



AMD 2012-2013 SERVER ROADMAP

32nm



Q4'2011-2012

2012-2013

2P and 4P enterprise, mainstream platform

“Interlagos” CPU

- 4/8/12/16 “Bulldozer” cores
- 4x HT-3 (6.4GT)
- DDR3 (quad-channel)

“Abu Dhabi” CPU

- 4/8/12/16 “Piledriver” cores
- DDR3 (quad-channel)

Socket G34

1P and 2P cost-optimized, energy-efficient platform

“Valencia” CPU

- 6/8 “Bulldozer” cores
- 2x HT-3 (6.4GT)
- DDR3 (dual-channel)

“Seoul” CPU

- 6/8 “Piledriver” cores
- DDR3 (dual-channel)

Socket C32

1P Web Hosting/ Web Serving and Microserver platform

“Zurich” CPU (Q1)

- 4/8 “Bulldozer” cores
- 1x HT-3 (5.2GT)
- DDR3 (dual-channel)

“Delhi” CPU

- 4/8 “Piledriver” cores
- DDR3 (dual-channel)

Socket AM3+

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