

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"

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”

Enthusiast	AMD Radeon™ 6900M Series GPUs	AMD Radeon™ 7000M Series GPUs <i>GCN Architecture Series</i>
	AMD Radeon™ 6800M Series GPUs	
Performance	AMD Radeon™ 6700M Series GPUs	AMD Radeon™ 7600M Series GPUs <i>Terascale II Architecture Series</i>
	AMD Radeon™ 6600M Series GPUs	
Mainstream	AMD Radeon™ 6500M Series GPUs	AMD Radeon™ 7500M Series GPUs <i>Terascale II Architecture Series</i>
	AMD Radeon™ 6400M Series GPUs	
Value	AMD Radeon™ 6300M Series GPUs	AMD Radeon™ 7400M Series GPUs <i>Terascale II Architecture Series</i>

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AMD 2012-2013 Desktop Roadmap



2012

2013

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

AMD roadmaps are subject to change without notice

40nm

32nm

28nm



AMD 2012-2013 Mobile Roadmap



2012

2013

Performance

AMD 2nd Generation A-Series APUs
codename **"Trinity"**

Standard (35W) and Low Voltage (17-25W)
2-4 "Piledriver" CPU cores
2nd Generation DX®11 GPU

"Kaveri" APU

2-4 "Steamroller" CPU Cores
Graphics Core Next (GCN) GPU
HSA Application Support

Mainstream

AMD C-Series and E-Series APUs
codename **"Brazos 2.0"**

Low Voltage (9-18W)
2 "Bobcat" CPU Cores
DX®11 capable GPU

"Kabini" APU

2-4 "Jaguar" CPU cores
Graphics Core Next (GCN) GPU

Essential

AMD Z-Series APU codename "Hondo"

1-2 "Bobcat" CPU Cores, Ultra Low Voltage (4.5W), DX®11 capable GPU

"Temash" APU

2 "Jaguar" CPU Cores
Graphics Core Next (GCN) GPU

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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