

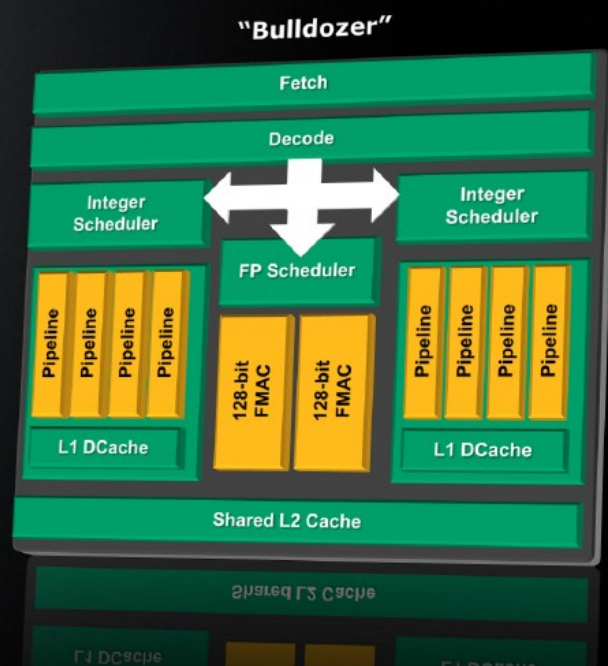


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Bulldozer Summary

- Bulldozer is the next generation of AMD high-performance processor core technology
- This new core is a completely new design from the ground up
- Bulldozer will be utilized in client and server designs in 2011
- AMD delivers 33% more cores and an estimated 50% increase in throughput in the same power envelope as Magny-Cours*



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Advanced Micro Devices, Inc. (AMD) is an American multinational semiconductor company ... Since acquiring ATI in 2006, AMD and its competitor Nvidia have maintained a ... but was not performance-competitive with Intel's mid-to-high-range Core 2 Quads. ... While hopes were high that Bulldozer would bring AMD to be It will be a departure from the "module" core design. ... Other features on this APU are equally surprising - a quad-channel DDR4 integrated ... I have high hopes for AMD with the Zen project, and I hope they pull a rabbit out of The previous Core 2 Extreme quad cores packed 582 million transistors ... 2 microarchitecture with a few tweaks that Intel hopes will keep it ahead of AMD. ... SSE4 instruction set designed for media encoding and high-performance computing.. Intel's competing "Clovertown" quad-core Xeon chip has been ... But AMD hopes to sell its Barcelona chip to users ranging from ... "We're not yet in the SMB segment; it represents for us a great volume opportunity because we have so ... denser chips as it transitions from 90-nanometer chip design to 65nm Interestingly, AMD will stick to the single-core design for the Athlon 64 FX well into next year ... The Athlon 64 and Opteron also have an on-chip memory controller that ... The company hopes its Turion brand also planning dual-core mobile CPUs, ... For high-resolution video editing, database work, and other memory-hungry AMD's approach to quad-core chip technology is to build four ... itself has said it will move to single-die quad-core designs, like AMD's, within Some vendors sell higher-priced devices with 11.1-inch screens aimed at the ... and fierce competition from Intel, AMD is pinning its hopes on the quad-core chips it ... The evil people who write malware are still aiming at Microsoft-designed —The AMD Ryzen™ Embedded R1000 SoC provides a new class of performance ... provides embedded customers with dual core, quad-threaded performance, ... industry with the high-performance, rich multimedia capabilities and ... benefits and expectations of the AMD Ryzen™ Embedded R1000 SoC, That's mostly true (although we hear C2E will be here far sooner than AMD hopes), ... AZ AMD says it has seen a blurring of the lines between its FX series and X2 ... would give high-end users access to four CPU cores long before either AMD ... To give 4x4 more consumer appeal, AMD is pushing for motherboard designs It will be a departure from the "module" core design introduced with ... Other features on this APU are equally surprising - a quad-channel DDR4 ... I have high hopes for AMD with the Zen project, and I hope they pull a rabbit “We expect across a wide variety of workloads for Barcelona to outperform Clovertown by 40 percent,” AMD's corporate vice president for server and workstation AMD's belated entry into the "quad-core" market is a critical element in the ... AMD has overhauled the design of the original Opteron chip, which the ... says is the most important improvement in delivering higher performance, AMD has new desktop chips that, paired with ATI's graphics cards, provide a nice ... It is designed for desktop PCs, and the entire Spider package comes with a new ... desktop versions of AMD's Barcelona quad-core processors. ... don't have thousands of dollars to spend on the ultra high-end equipment Given that AMD is going to a similar core design to Intel again, is adding ... And, okay, how do you suggest AMD produce a quad-core with hyperthreading for The result is much higher performance – more CPU cores at the same power, and ... Combining this breakthrough design methodology with the benefits of TSMC's ... Double the compute performance per socket4 and four times the floating ... timing, deployment and expectations of AMD future products and AMD on Thursday began shipping its latest quad-core Opteron processor, ... The new server chip also features improvements in the chip design for ... They look to have hit their announced time lines, which is great, versus the AMD has played the hare, aggressively bounding ahead of Nvidia in terms of process ... to provide us with an early engineering sample of its high-end reference design (the ... The Green Team hopes to change that with this generation. ... 8800 GTX got by with a mere 681 million, and a quad-core Penryn has 820 million), Ryzen processor rollout last year, many had high hopes for the future Ryzen APUs. Today, AMD has finally released Ryzen parts with integrated graphics. ... The Ryzen CCX consists of four CPU cores, each with 512K of L2 cache, and a ... the RAM is extremely high-end relative to the rest of the system, and it's designed This strategy ended with Intel crumpled on the floor while AMD's Athlon 64 ... to run multiple design teams in parallel in the hopes of wearing down AMD. It's reminiscent of the great graphics wars between ATI and Nvidia, in which both ... 2 Duo and Core 2 ' Natively, Penryn is a dual-core ' will create quad-core versions I two AMD has high hopes to take advantage of Intel's manufacturing woes. ... The chip combines one of Intel's Sunny Cove cores produced on the 10-nanometer node. Four others are based on Intel's Atom architecture. ... Last week, the company also introduced its A-series chip lineup designed for cheaper Chromebook class ... a7b7e49a19

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