

THE AMD OPTERON™ PROCESSOR

CLEAR ADVANTAGE FOR BUSINESS SIZES SM-XXL

**BUSINESSES OF ALL SIZES COUNT ON AMD
TO WORK FASTER AND BETTER.**

AMD OPTERON™ PROCESSORS POWER THE WORLD'S HIGHEST-PERFORMING X86 2P AND 4P SERVERS AND 2P WORKSTATIONS.



TREAT YOUR BUSINESS TO WORLD-CLASS PERFORMANCE.

Platforms based on the AMD Opteron™ processor deliver innovations that business customers not only want, but need. And we're not just talking large enterprises, either. Many businesses big and small count on servers powered by AMD Opteron processors to run their most demanding applications and handle their toughest jobs.

Why are the world's highest-performing x86 2P and 4P servers and 2P workstations powered by this evolutionary processor? For starters, it begins with outstanding performance. AMD Opteron processors contain many key architectural features that can help your business applications run faster and more efficiently. Features such as:

- Direct Connect Architecture—addresses and helps eliminate the real challenges and bottlenecks of traditional system architectures
- Integrated Memory Controller and HyperTransport™ technology—offer new capabilities and competitive advantages that help business customers maximize productivity and enhance performance

- True multi-core technology—increases productivity by having two processors working together, each one taking care of different applications

By bringing together all three of these performance-building solutions, AMD has opened the door to new capabilities and competitive advantages, helping business customers maximize productivity and enhance performance.

GET TRUE COMPATIBILITY AND INVESTMENT PROTECTION.

In order to stay profitable, businesses can't constantly upgrade their IT solutions, just because technology is always changing and improving.

That's why the AMD Opteron processor provides a highly-scalable architecture that delivers next-generation performance as well as a flexible upgrade path from 32- to 64-bit computing.

With a single architecture designed to meet current and future business needs, the AMD Opteron processor can help to minimize and simplify the integration complexities presented by business environments today and in the future.

AMD ONE OF AMERICA'S MOST ADMIRED COMPANIES FOR INNOVATION AND PRODUCT QUALITY

AMD was recently recognized in *Fortune* magazine's "America's Most Admired Companies 2006" research study. AMD was rated #1 in both the "Innovation" and "Quality of Products/Services" categories among all American semiconductor companies, and is ranked in the top 10 most admired companies for Innovation across all industries.

LOWER IT AND DATACENTER COSTS.

When it comes to successful business practices, it all comes down to the bottom line. With the AMD Opteron™ processor, the bottom line is more stable than ever. At the heart of it all is AMD PowerNow!™ technology—innovative technology which can help reduce CPU power at idle by up to 75 percent.

Because it enables performance-on-demand, AMD PowerNow! technology with Optimized Power Management (OPM) strengthens the industry-leading performance-per-watt capabilities of the AMD Opteron processor.

AMD PowerNow! technology with OPM can also aid in platform investment protection for today's demanding enterprise server and workstation environments. Not only does it allow them to run quieter, it provides less strain on cooling and ventilation systems, as well.

CONCURRENT REAL-TIME LINUX SYSTEMS & AMD OPTERON.

Concurrent's popular RedHawk™ real-time Linux distribution leverages AMD 32 and 64-bit Opteron processors. Concurrent's integrated systems utilize AMD Opteron technology in its ImaGen™ Visual Server COTS-

based image generation and the iHawk™ Series 870 for demanding real-time applications including real-time data acquisition, simulation, and industrial systems.

CONCURRENT - WHERE TIMING IS EVERYTHING.

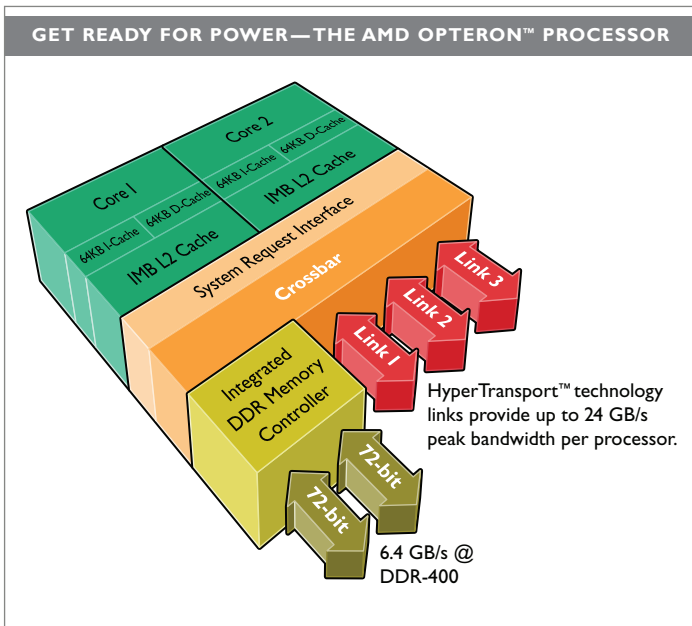
Concurrent is an established provider of high-performance real-time software and integrated solutions for over 40 years. With sales and service available worldwide, our technical depth is deep and broad to serve our customers around the globe. Today, we embrace commercial off-the-shelf (COTS) technologies and have inserted our real-time technology into the two leading Linux distributions. With a continued eye on offering the most deterministic, real-time systems on the planet, we remain committed to our customers by delivering a compelling value proposition through advanced technology, reliability, experience, strong partnerships, and long term customer support.

THE AMD OPTERON EDGE - TAKING REAL-TIME TO A NEW LEVEL.

AMD Opteron processors offer the superior floating point performance, increased memory addressability and industry-leading processing power required for real-time computing. Concurrent experiences outstanding I/O performance on AMD Opteron based systems which is a key component of real-time hardware-in-the-loop testing, data acquisition and simulation applications.

Image generation applications such as flight trainers need tremendous graphics performance requiring multiple PCIe graphics cards linked together. Unlike other architectures, AMD Opteron based systems can provide two full x16 PCIe slots (32 I/O lanes total) for the highest video bandwidth available. Concurrent's ImaGen systems take full advantage of this graphics power to deliver outstanding performance and value in COTS packaging.

The combination of AMD's Opteron architecture and Concurrent's RedHawk real-time Linux provides the best deterministic performance available via COTS hardware and any full distribution Linux operating system.



Real-Time Linux® Systems
featuring AMD Opteron™ processors for maximized power, scalability and customer value.

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