

# Amd 64 Processors Deliver World-Class 64-Bit Performance On Microsoft Windows x64 Platform

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AMD today announced all existing and upcoming single- and dual-core AMD Athlon 64, AMD Opteron and AMD Turion 64 processors are designed to be fully compatible with and deliver world-class performance on Microsoft Windows Server 2003 x64 Editions and Windows XP Professional x64 Edition.

“AMD is setting the 64-bit standard that the industry is embracing today and our innovative AMD64 technology, together with Microsoft’s new x64 operating systems, will give millions of businesses, PC and mobile users a chance to see the power of 64-bit computing come to life,” said Marty Seyer, corporate vice president and general manager, Microprocessor Solutions Sector, AMD. “AMD’s industry leadership is enabling a new set of applications and making pervasive 64-bit computing a reality. As the industry’s only x86 processor designed from the ground up for 64-bit computing and multi-core technology, AMD64 technology-powered notebooks, desktops and servers are the best choice for leveraging these two evolutionary computing advances.”

“While some suggested it would be impossible to create an x86-compatible processor with competitive 64-bit and 32-bit performance, AMD plowed ahead and demonstrated it could be done,” said Nathan Brookwood, principal analyst at Insight 64. “AMD64 technology has altered the industry’s direction and provides users with a non-disruptive path to 64-bit computing. Microsoft’s release of these x64

Windows editions provides another critical element needed for that 64-bit migration.”

“Microsoft developed the Windows Server 2003 x64 Editions and Windows XP Professional x64 Edition in close collaboration with our key partners, including AMD,” said Brian Valentine, Senior Vice President, Windows Core Operating System Division at Microsoft. “This collaboration is helping usher in a new era in computing that opens the door for high-speed applications including new features along with improved performance, stability and security. Together with the new x64 platform, AMD’s introduction of 64-bit dual-core processors offers even greater performance gains for Windows users, while still enabling users to run both 32-bit and 64-bit applications.”

All AMD Athlon 64 and AMD Opteron processors use AMD’s Direct Connect Architecture, which enables world-class 32- and 64-bit performance on Microsoft Windows and other industry-leading client and server operating systems and applications.

AMD’s leadership and commitment to innovate within industry standards was again demonstrated last week with the introduction of the world’s first x86 dual-core 64-bit processors for servers and workstations, the Dual-Core AMD Opteron processors. The convergence of AMD64 dual-core processors and 64-bit optimized software will significantly boost performance across a broad spectrum of enterprise and compute-intensive applications. Because it was designed from the ground-up to support multi-core platforms, AMD64 technology provides investment protection by enabling business and power users to deploy the best dual-core technology in their existing industry-standard environments.

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