

AMD Duron™ Processor Product Brief

Performance for Everyday Computing



- ⌘ Practical Performance for Every Day
- ⌘ Compatible with Microsoft® Windows® XP
- ⌘ Advanced Technology
- ⌘ Innovative Architecture
- ⌘ The Power of a Reliable Partner

AMD Duron™ Processor Overview

An AMD Duron™ processor-based PC is the practical choice for everyday usage. It offers an ideal combination of features and performance to run all of your PC software and operating systems. Its many forward-thinking features help the AMD Duron processor enable a PC solution for both business and home users.

Practical Performance for Every Day

The AMD Duron processor provides practical performance for everyday computing. With core technologies based upon those found in AMD's award-winning ultimate performance AMD Athlon™ processor family, the AMD Duron processor is an excellent processor solution for your PC. The AMD Duron processor provides superb performance on applications like multimedia, Internet browsing, and business management suites. AMD Duron processors also deliver great performance for digital entertainment like games and DVD playback.

Compatible with Microsoft® Windows® XP

The AMD Duron processor offers great performance for running Microsoft Windows XP, as well as outstanding performance on earlier versions of Windows. Microsoft optimized Windows XP's DirectX 8.0 interface for AMD processors and also optimized applications like Windows Media Encoder 8.0 for 3DNow!™ Professional technology found in AMD Duron processors. The responsive computing power of AMD processors enables users to take advantage of the new features in Windows XP, like fast-user switching.

AMD processors were used in the design and development of the Windows XP operating system, which helps to ensure that systems based on AMD processors offer excellent OS compatibility. AMD and Microsoft's strong working relationship dates back over a decade to the first version of Windows. Over the years, AMD processors have powered some of the most reliable PC systems for Windows applications, increasing productivity and enjoyment for end-users.

Advanced Technology

The AMD Duron processor has the performance and advanced technology to allow users to keep up with everyday tasks quickly and easily. The AMD Duron processor enhances PC productivity and helps make everyday tasks, like downloading and playing music, or editing and sending pictures to family and friends, smooth and quick. Systems based on the AMD Duron processor not only run the software you need, but they boot and load applications quickly, providing an easy computing experience.

Innovative Architecture

The AMD Duron processor offers buyers access to innovative technology. Some of the AMD Duron processor's features include:

- ⌘ **High-Speed System Bus:** The AMD Duron processor features a 200MHz front-side system bus. This high-speed system bus delivers exceptional performance on data-rich applications, such as MP3 encoders, video encoders, DVD players, and audio/video/photo editing software.
- ⌘ **Sophisticated Cache Architecture:** The AMD Duron processor features 192K of total on-chip cache. This large on-chip cache combined with the sophisticated cache architecture delivers a high level of performance on applications like business and personal productivity suites, as well as basic 3D content creation and photo editing packages.
- ⌘ **Superscalar Floating Point Unit with 3DNow!™ Professional Technology:** The AMD Duron processor offers three floating point pipelines. This provides for outstanding number-crunching capabilities. In concert with AMD's 3DNow!™ Professional technology, this enables the AMD Duron processor to deliver excellent performance on multimedia applications like web-design tools, 3D games, and other entertainment and educational media products.

The Power of a Reliable Partner

Founded in 1969, AMD has shipped more than 175 million PC processors worldwide. AMD processors undergo extensive testing to confirm compatibility with Microsoft Windows XP, Windows 98, Windows Me, Windows NT®, Windows 2000, as well as Linux and other PC operating systems.

AMD worked side-by-side with Microsoft to achieve the compatibility of AMD processors with Windows XP. The result provides a stable system with reliable application performance. The AMD Duron processor is compatible with more than 60,000 software applications, including the latest 3DNow! Professional and MMX™ technology-enhanced software. AMD has worked with industry-leading hardware and software companies to help ensure comprehensive compatibility. In addition, AMD also conducts its own rigorous validation to help assure the integrity and ease of use for which AMD processors are renowned.

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